

**LPC# 031 030 5034 - Cook County  
Mr. Snappy Cleaners/Broadview  
SF/HRS**

# **Preliminary Assessment**

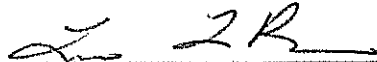


**Prepared by:  
Office of Site Evaluation  
Division of Remediation Management  
Bureau of Land**

## SIGNATURE PAGE

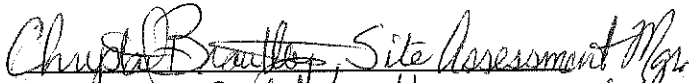
**Title:** CERCLA Preliminary Assessment for Mr. Snappy Cleaners

**Preparer:** Lance Range, Project Manager, Office of Site Evaluation,  
Illinois Environmental Protection Agency

  
Signature

10 May 17  
Date

**Approval:** Patrick Hamblin, NPL Coordinator, United States Environmental Protection  
Agency, Region 5

 Site Assessment Mgr.  
Signature for Patrick Hamblin, NPL Coordinator Date 18 May 17

*The approval signatures on this page indicate that this document has been authorized for information release to the public through appropriate channels. No other forms or signatures are required to document this information release.*

Preliminary Assessment Report

for:

Mr. Snappy Cleaners

Broadview, IL

LPC 031 030 5034

ILD 060351970

PREPARED BY:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

BUREAU OF LAND

DIVISION OF REMEDIATION MANAGEMENT

OFFICE OF SITE EVALUATION

February 6, 2017

## Contents

SECTION 1.0 Introduction .....	4
SECTION 2.0 Site Background .....	4
Section 2.1 Site Description.....	4
Section 2.2 Site History .....	6
Section 2.3 Regulatory Status .....	6
SECTION 3.0 Field Inspection Activities .....	7
Section 3.1 Field Inspection.....	7
Section 3.2 Analytical Data .....	7
Section 3.3 Past Environmental Investigations .....	7
SECTION 4.0 Pathway Discussions .....	8
Section 4.1 Groundwater .....	8
Section 4.2 Surface Water.....	9
Section 4.3 Soil Exposure .....	9
Section 4.4 Air Pathway .....	10
Section 5.0 Summary .....	10
Section 6.0 References .....	11

Figure 1 – Site Location Map

Figure 2 – Site Topographic Map

Figure 3 – Site Aerial Photographic Map

Figure 4 – 4-Mile Radius Map

Figure 5 – (Figure 9) Volatile Organic Contaminant Delineation

Site Photos

Appendix A – Focused Site Inspection Report



## **SECTION 1.0 Introduction**

On January 7, 2016, the Illinois Environmental Protection Agency's (Illinois EPA) Office of Site Evaluation was tasked by the United States Environmental Protection Agency (U.S. EPA) to conduct a Preliminary Assessment (PA) at Mr. Snappy Cleaners on 1925 Roosevelt Road, Broadview, Cook County, IL (41.864208/-87.855888).

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) (40 CFR Part 300) requires that a Preliminary Assessment be performed on all sites entered into the SEMS (Superfund Enterprise Management System) remedial assessment active site inventory, U.S. EPA's inventory of hazardous waste sites.

A Preliminary Assessment is an early step in the Superfund process that utilizes a limited-scope investigation and collects readily available information. The Preliminary Assessment distinguishes between sites that pose little or no threat to human health and the environment and those that require further investigation. The Preliminary Assessment also supports emergency response and removal activities, fulfills public information needs, and generally furnishes appropriate information about the site early in the assessment process.

If the findings of the Preliminary Assessment determine that further investigation is warranted, the site will continue to progress through the Superfund evaluation process and receive a Site Inspection. The Site Inspection will provide necessary information that will help determine if the site qualifies for possible inclusion on the National Priorities List (NPL) or should be archived and receive a No Further Remedial Action Planned (NFRAP) qualifier. At any time throughout the Superfund evaluation process, the site may be assigned NFRAP status, be referred to another state or federal clean-up program, or recommended for another action. The Preliminary Assessment is performed under the authority of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) commonly known as Superfund.

## **SECTION 2.0 Site Background**

### **Section 2.1 Site Description**

The site is located at the northwest corner of 20<sup>th</sup> Avenue and Roosevelt Road in Broadview, Cook County, Illinois in a mixed residential and commercial land use area. The site legal description is Lot 186 in Cummings and Foreman R.E. Corporation Roosevelt Road and 17<sup>th</sup> Avenue Subdivision Lots 1-5, 7 and 8 in Owners Partition. The lot dimensions are approximately 115 by 25 feet. The site is located in Section 22, Range 12 East, and Township 39 North in the Berwyn Quadrangle. The tax identification number is 15-15-329-029.

The property consists of a single building of concrete block with brick veneer which is part of a strip mall. The building has two access points for personnel and equipment. The roof is flat and

rainwater is discharged to the Roosevelt Road drain system. Most of the lot is enclosed by buildings. The site is located in a strip mall area on Roosevelt Road surrounded by other commercial enterprises and with a residential area to the north. Businesses in the same strip mall included a hair salon (west of Mr. Snappy), another hair salon east of the location, followed by a worship center, a lighting store, a mobile phone outlet, and a pizza restaurant. Across from the strip mall is a Dunkin Donuts, a laundry mat/dry cleaners, an insurance company, and a payday loan store. Bordering on the south of the strip mall is Roosevelt Road and on the north by an alley. The nearest residential home is located approximately 25 feet north of the site. Proviso East High School is located 1.62 miles northeast of Mr. Snappy Cleaners on South 10<sup>th</sup> Avenue in Maywood, Illinois.

Mr. Snappy Cleaners is owned and operated by Maenza Brothers Partnership. The site is currently enrolled in the Illinois EPA's Voluntary Site Remediation Program. Although the site is enrolled in the program, it has not proceeded toward remediation since 2001. Due to the inactivity of the site, Mr. Snappy Cleaners was suggested to proceed with a Pre-CERCLA Screening.

Potential sources of contaminants were observed during the Focused Site Investigation conducted by Superior Property Services Group (Oct 17, 2000), and are discussed in this paragraph. On observation during the SI noted that there were cracks present in the concrete flooring may potentially provide a pathway for dry cleaning solvents to migrate to the subsurface soils (Focused Site Investigation, p. 4). Two dry cleaning machines were located in the central portion of the building. The machines are regularly maintained and refilled with perchloroethene. Improper filling procedures and maintenance may potentially provide overfill and spill occurrences. Storage of the perchloroethene was adjacent to the dry cleaning machines (Focused Site Investigation, p. 4).

Drinking water for the City of Broadview is supplied by Lake Michigan. Broadview issued the groundwater code (Title 8 Public Ways and Property, Chapter 4 Water Use, and Service Section 8-4-4 Prohibited Acts) prohibiting the use of groundwater as a potable water supply by the installation or use of potable water supply wells, this in essence excludes the groundwater exposure route (August 7, 2000).

[http://www.sterlingcodifiers.com/codebook/index.php?book\\_id=811](http://www.sterlingcodifiers.com/codebook/index.php?book_id=811).

According to ISGS Bulletin 95: Handbook of Illinois Stratigraphy (Willman, H.B. et al, 1975) and ISGS Circular 542: Stack-Unit Mapping of Geologic Materials in Illinois to a depth of 50 feet (Berg, R.C. Kempton J. P., 1988), the regional geological deposits are of glacial origin. According to Potential for Contamination of Shallow Aquifers in Illinois, Circular 532, (Berg, R.C., Kempton J. P., and K. Cartwright 1984) the site is classified as sequence E, uniform relatively impermeable silty or clayey till or other fine grained materials more than 50 feet thick. Based on information gathered by EDG-Radius Map with GeoCheck Report, the groundwater

flow direction is to the southeast, toward the Des Plaines River. Groundwater is anticipated to be located 30 feet below ground surface. (Focused Site Inspection, p. 6).

There are no known wetland areas near the site or in the surface water pathway.

## **Section 2.2 Site History**

According to Cook County Tax Assessor's Office, the building at 1925 West Roosevelt was owned by the Maenza Brothers Company Partnership in 1989. Subsequent searches on this partnership identified that it was founded in 1970 and specialized in dry cleaning. It is unknown when operations at the facility began at this location, but appear to have at least been active since 1989. The facility continues to function as a dry cleaning facility.

The location as depicted on the Sanborn Map of Chicago 1905-1951, Volume 33, p. 81, is an empty lot. Aerial photos of the site revealed an empty lot for 1937 – 1947.

## **Section 2.3 Regulatory Status**

Based upon available file information, Mr. Snappy Cleaners does appear to be subject to Resource Conservation and Recovery Act (RCRA) corrective action authorities. The site is listed in the U.S. EPA RCRA Info database as a small quantity generator.

[https://oaspub.epa.gov/enviro/rcrainfoquery\\_3.facility\\_information?pgm\\_sys\\_id=ILD060351970](https://oaspub.epa.gov/enviro/rcrainfoquery_3.facility_information?pgm_sys_id=ILD060351970)

Mr. Snappy Cleaners was also regulated by the Clean Air Act. Information contained in Integrated Compliance Information System (ICIS) -Air contains compliance and permit data for stationary sources of air pollution regulated by EPA, state and local air pollution agencies.

Information contained in ICIS-Air is used by the states to prepare State Implementation Plans (SIPs) and to track the compliance status of point sources with various regulatory programs.

According to the website

[https://iaspub.epa.gov/enviro/airsquery.detail\\_plt\\_view?p\\_id=IL000031030ACV](https://iaspub.epa.gov/enviro/airsquery.detail_plt_view?p_id=IL000031030ACV), there appears to have been minor emissions, status of the site on this website says that it is permanently closed. Air compliance monitoring information indicates that an inspection/evaluation was conducted with an end date of 31 March 2005 for the State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards program (CAASIP). Results for this inspection/evaluation are unavailable.

Information currently available does not indicate that the site is under the authority of Uranium Mine Tailings Action (UMTRCA), or the Federal Insecticide Fungicide or Rodenticide Act (FIFRA).

## **SECTION 3.0 Field Inspection Activities**

### **Section 3.1 Field Inspection**

### **Section 3.2 Analytical Data**

No analytical samples were collected for this investigation.

### **Section 3.3 Past Environmental Investigations**

On July 9, 1999, EPS Environmental Services (EPS) retained by Maenza Brothers Inc. conducted a limited Phase II Environmental Site Assessment in an effort to determine whether soil and/or groundwater had been impacted by activities at the dry cleaning facility. EPS completed five soil borings (B-1 through B-5) near the existing two dry cleaning machines and the open area on the north portion of the property (Appendix A, FSI, Table 1, p. 29).

On January 14, 2000, Superior Property Service Group (Superior) was retained by Maenza Brothers Inc. (property owner) to complete an additional seven cumulative borings (SB-1 through SB-7) located radially away from the previous borings completed by EPS in order to fulfill criteria in pursuance of a No Further Remediation Letter from the Illinois Environmental Protection Agency's Site Remediation Program. These borings were completed in an effort to further define the vertical and horizontal extent of soil impact. Samples of soil were submitted for laboratory analysis for volatile organic compounds (VOCs).

On March 6, 2000, Superior completed three soil borings (SB-8 through SB-10) (Appendix A, FSI, Table 1, p. 30). These borings were completed to better define the south, east and west horizontal extent of the soil impact. Samples were submitted for VOC analysis.

Laboratory analytical results for the soil samples revealed VOC constituents above the method detection limits in several borings. These results were noted as being above Tier I Soil Remediation Objectives (Appendix A, FSI, Table 2). Based on Tier I Tiered Approach to Cleanup Objectives (TACO) Evaluation utilizing the Soil Remediation Objectives for Industrial/Commercial properties and Class II groundwater, the following chemicals were identified as contaminants of concern in soil (the values are the highest detected during the past three investigations): cis-1,2-dichloroethene (13.3 parts per million (ppm)), perchloroethylene (678 ppm), Trichloroethylene (2.8 ppm) and vinyl chloride (0.198 ppm). Of these four contaminants, only tetrachloroethylene (678 ppm) exceeds the Regional Removal Management Level (RML) of 240 ppm for residential properties, but does not exceed the RML for Industrial soil (1200 ppm).

Perchloroethylene and trichloroethylene impacted soil encompasses on-site and off-site areas. The off-site impacted soil is to the west of the site beneath the adjoining commercial building and to the east of the site beneath the parking lot. Cis-1,2-dichloroethene and vinyl chloride impacted soil encompasses on-site areas. The maximum length of the soil plume is 110 feet and the width is 50 feet. The depth of impacted soil is approximately 9 feet below ground surface.

The area of the soil plume is approximately 0.13 acres (in 2000). This plume has migrated past the property boundaries. (Figure 5, Tier I Delineation) (Appendix A, FSI, Figure 9).

Groundwater was not encountered during the soil boring investigations. Based on the Environmental Data Report (December 23, 1999) (EDR-Radius Map with GeoCheck Report), the groundwater flow direction is believed to be to the southeast, toward the Des Plaines River (p. A1). Groundwater was not encountered within 16 feet below ground surface (Focused Site Investigation and Remedial Action Completion Report, July 20, 2000, p. 11). Groundwater is anticipated to be located 30 feet below ground surface (Focused Site Investigation, October 17, 2000, p. 6).

Upon review (January 25, 2001) of the Focused Site Investigation (October 17, 2000), several issues were identified, including that the horizontal and vertical extent of soil and groundwater contamination should be delineated. In addition, remediation objectives must be developed either in Tier II or Tier III, to reflect the extent of impact on and off site.

It appears that the last correspondence with the property owner was a bill from the Voluntary Site Remediation Program, which the property owner paid (June 21, 2001).

## **SECTION 4.0 Pathway Discussions**

### **Section 4.1 Groundwater**

Drinking water for the City of Broadview is supplied by Lake Michigan. Broadview issued a groundwater code (Title 8 Public Ways and Property, Chapter 4 Water Use, and Service Section 8-4-4 Prohibited Acts) prohibiting the use of groundwater as a potable water supply by the installation or use of potable water supply wells (August 7, 2000).

[http://www.sterlingcodifiers.com/codebook/index.php?book\\_id=811](http://www.sterlingcodifiers.com/codebook/index.php?book_id=811).

Based on information in the Focused Investigation Report (p. 6) the groundwater flow direction is to the southeast, toward the Des Plaines River. Groundwater is anticipated to be located 30 feet below ground surface (Focused Site Investigation, October 17, 2000, p. 6).

There are two wells located in Bellwood that are used in emergency situations for the City of Bellwood (otherwise the drinking water is obtained from Lake Michigan). These wells are located to the northwest of the site at 1.16 miles and 1.34 miles. The population served from these wells is documented at 19,071 people (<http://censusviewer.com/city/IL/Bellwood>). Another well is located at the Edward Hines VA Hospital, but information indicates that this well was abandoned, although the date of abandonment is not known. The City of Chicago supplies water from Lake Michigan to the Broadview Westchester Joint Water Agency, who then in turn supplies water to the Village of Broadview.

There are no known targets currently being impacted by the groundwater pathway. The groundwater pathway is of little concern at this site due to potable drinking water for the area being supplied by Lake Michigan. The two active water intakes are located approximately 2.5 miles from the shore in Lake Michigan ([http://www.nwitem.com/uncategorized/water-intake-cribs-one-of-city-s-best-kept-secrets/article\\_9911c99a-232f-53f6-a695-83f14800071b.html](http://www.nwitem.com/uncategorized/water-intake-cribs-one-of-city-s-best-kept-secrets/article_9911c99a-232f-53f6-a695-83f14800071b.html).)

#### **Section 4.2 Surface Water**

Storm water runoff at the site discharges onto storm drains located site-wide. This drainage is eventually treated at the Metropolitan Water Reclamation District of Greater Chicago.

The surrounding topography is relatively flat and covered mostly with asphalt and concrete. There are no on-site surface water bodies. The nearest surface water is the Des Plaines River, which is located approximately 1.5 miles east of the site at its closest point; however there is not a direct connection with the dry cleaner. There are wetlands along both portions of the Des Plaines River. The Des Plaines River is a documented fishery. The facility is not located within the 100 or 500 year flood plain.

There are no surface water intakes present along the Des Plaines River. It should be noted that there is not an established surface water pathway from the site to the Des Plaines River.

The surface water pathway is of little concern at this site as surface water from the site is directed to the Metropolitan Water Reclamation District of Greater Chicago. There is not a viable pathway for any contaminants that may be present on site to migrate to the nearby Des Plaines River. There are no known designated wetlands that are being impacted from the operations or possible contaminates from this facility.

#### **Section 4.3 Soil Exposure**

The site is currently active and paved with very little exposed soil. The site consists of the building with a small outdoor area behind the building.

Distance	Population
0-1/4 mile	2,498
1/4-1/2 mile	2,748
1/2 – 1 mile	9,346

Population was calculated using ArcMap 10.3 and U.S. Census Block Centroid Population data.

Commercial businesses are present to the south, east and west of the facility. To the north are residential homes. Residential neighborhoods occupy the land to the north and immediately south of the commercial buildings along West Roosevelt Road.

At this time the facility employs approximately seven people.

Past laboratory results from soil samples revealed VOC constituents in 10 soil boring locations. VOCs were noted as being above Tier I Soil Remediation Objectives according to Title 35 Illinois Administrative code Part 742, Appendix B: Table B: Tier I SROs for Industrial/Commercial Properties in 8 boring locations. The following VOC constituents of concern are: cis-1,2-dichloroethene, tetrachloroethylene, trichloroethylene, and vinyl chloride. Of these four contaminants, only tetrachloroethylene (678 ppm) exceeds the Regional Removal Management Level (RML) of 240 ppm for residential properties, but does not exceed the RML for Industrial soil (1200 ppm). At this time, the site does not appear to be a removal candidate. Estimated area of contamination is 0.13 acres (Superior, Focused Site Investigation and Remedial Action Completion Report, p. 2).

#### **Section 4.4 Air Pathway**

There were no air samples collected during the CERCLA Preliminary Assessment activity, nor is the air exposure route believed to be a concern at this site. The Mr. Snappy Cleaner site consists of a subsurface soil contamination plume and the property on which the site is located is currently mostly building and gravel parking. The estimated population living within 4 miles of the property are as follows:

Distance	Population
0-1/4 mile	2,498
1/4-1/2 mile	2,748
1/2 – 1 mile	9,346
1-2 mile	46,747
2-3 mile	53,868
3-4 mile	82,324

Population was calculated using ArcMap 10.3 and U.S. Census Block Centroid Population data.

#### **Section 5.0 Summary**

On May 25, 2015, the Illinois Environmental Protection Agency's (Illinois EPA) Office of Site Evaluation was tasked by the United States Environmental Protection Agency (U.S. EPA) to conduct a Preliminary Assessment (PA) at Mr. Snappy Cleaners at 1925 West Roosevelt Road, Broadview, Cook County, Illinois. Potential contaminants of concern included cis-1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride.

Through the soil exposure pathway, it has been documented that there are contaminants from plant operations present in the onsite soils. These contaminants may impact current and future workers if they come into contact with these contaminants.

The surface water pathway is of little concern at this site as surface water from the site is directed to the sanitary system for the City of Broadview. There is not a viable pathway for any

contaminants that may be present on site to migrate to the nearby Des Plaines River. There are no known designated wetlands that are being impacted from the operations or possible contaminates from this facility.

The groundwater pathway is a slight concern at this site due to an emergency potable drinking water well for the City of Bellwood is within 4 miles of the site. Although Bellwood is located up-gradient from the site, and the wells would only be utilized for emergency purposes, the potential exists for contamination of this water source. Local potable water for Broadview is being supplied by Lake Michigan. Broadview issued a groundwater code (City Code Chapter 4 Water Use and Service Section 8-4-9) prohibiting the use of groundwater as a potable water supply by the installation or use of potable water supply wells.

## **Section 6.0 References**

Illinois EPA Bureau of Land Files. LPC 031 030 5034

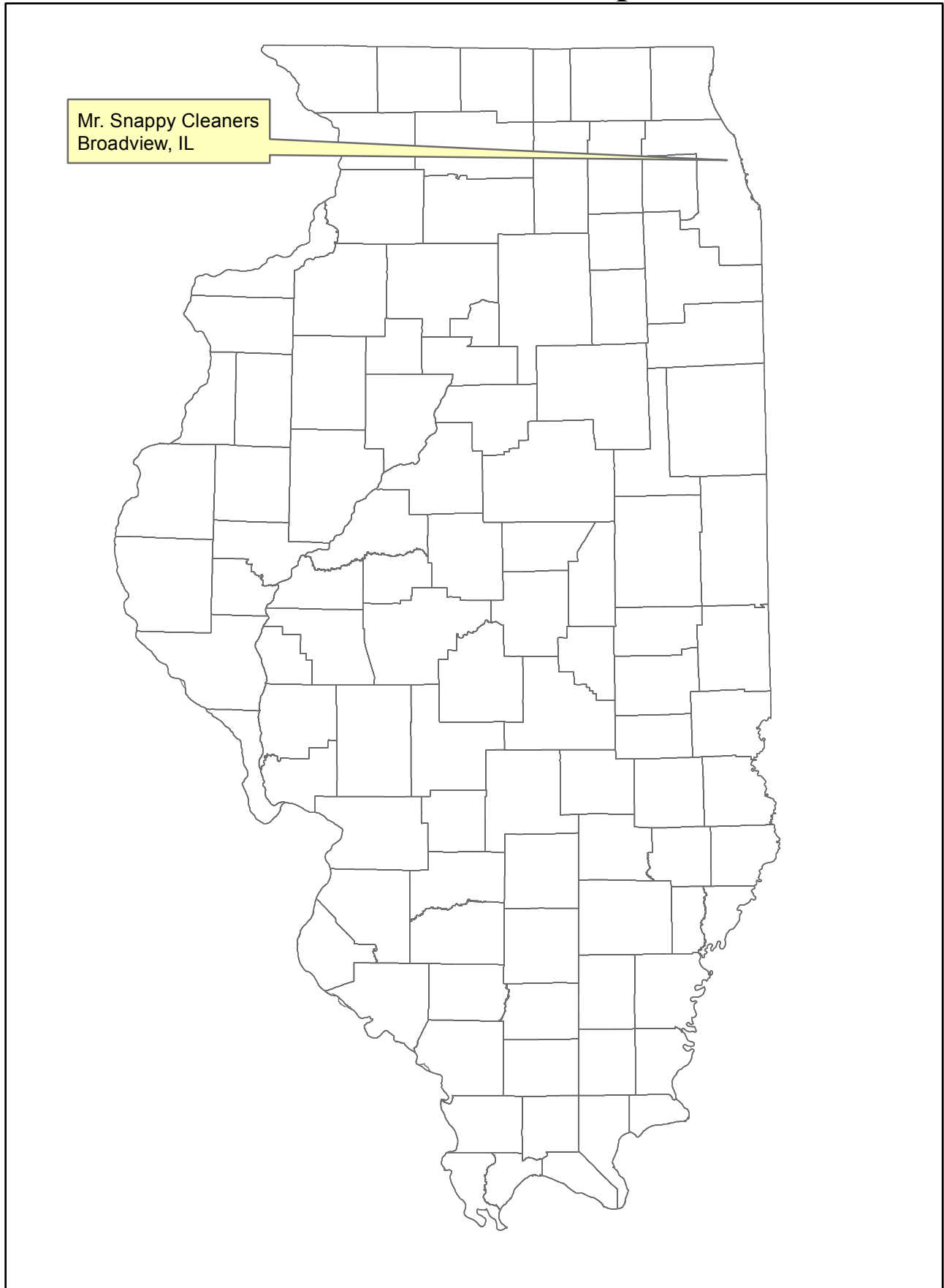
Illinois EPA. Pre-CERCLIS Screening Assessment. Mr. Snappy Cleaners. Jan 29, 2015.

Superior Property Services Group. Focused Site Investigation and Remedial Action Completion Report. Mr. Snappy Cleaners, 1925 West Roosevelt Road, Broadview, Cook County, Illinois. Superior Project No. SY1328.00, July 20, 2000.

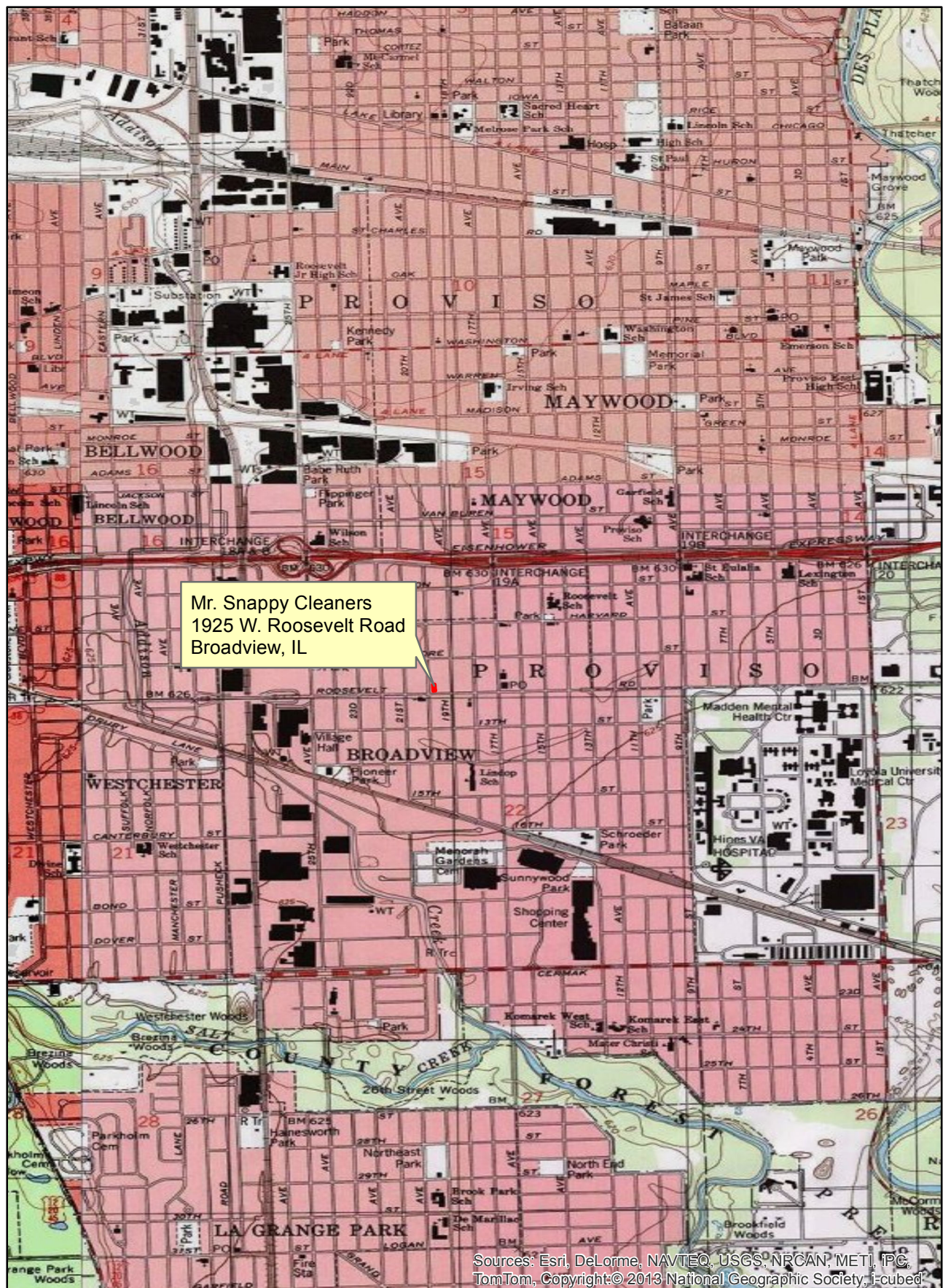
Superior Property Services Group. Focused Site Inspection. Mr. Snappy Cleaners, 1925 West Roosevelt Road, Broadview, Cook County, Illinois. Superior Project No. SY1328.00, October 17, 2000.



**Figure 1**  
**Site Location Map**



# Figure 2 Site Topographic Map



0 0.175 0.35 0.7 1.05 1.4 Miles



# Figure 3 - Aerial Photo Map



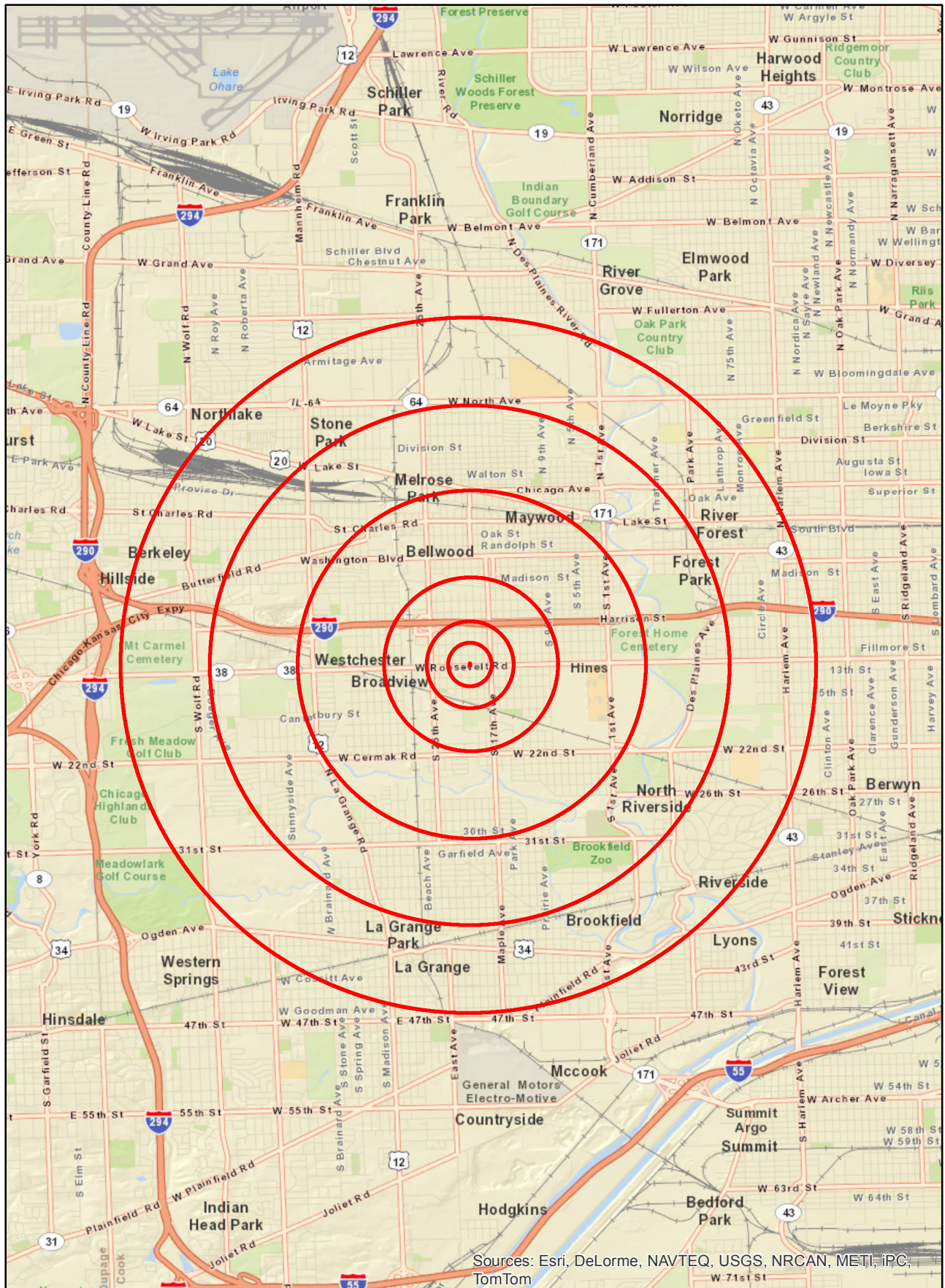
IDOT & USGS



0 40 80 160 240 320 Feet

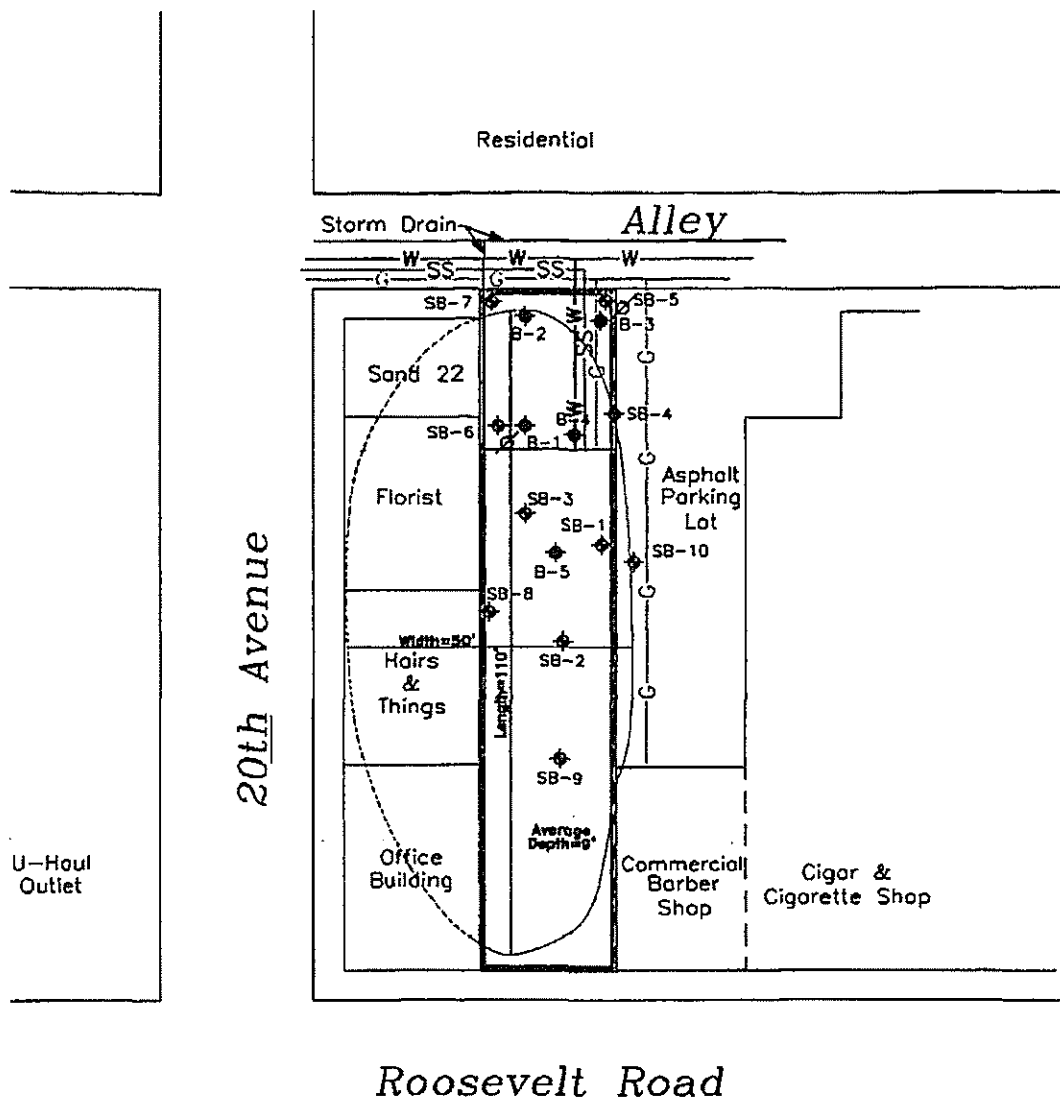


# Figure 4 - 4 Mile Radius Map



0 0.5 1 2 3 4 Miles

Figure 5 – Tier I Delineation (Fig. 9, Superior, Focused Site Inspection and Remedial Action Completion Report, July 2000)



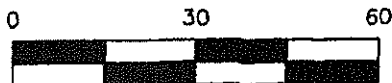
Church

Pol Graphics

#### Legend

- Property Line
- G— Gas Line
- W— Water Line
- SS— Sanitary Sewer
- X— Electric Pole
- ◆ (Superior) Soil Boring
- ◆ (EPS) Soil Boring
- Aerial Delineation

NORTH



SCALE: 1" = 30'

#### TIER I DELINEATION

#### FIGURE 9

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Brookview, Illinois

DATE:  
01/21/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

CHECKED BY  
JMT

PROJECT NO.  
SY1328.00

*Superior*  
PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-885-1018 FAX: 885-2279

FILE: P:\SY1328\SITEMAP.DWG



**SITE NAME:** Mr. Snappy Cleaners

**CERCLIS ID:** ILD 060 351 970

**COUNTY:** Cook

**DATE:** 2/7/2017

**TIME:** 1100

**PHOTO BY:** L. Range

**DIRECTION:** North

**COMMENTS:**

Photo of the front of Mr. Snappy Cleaners.



**DATE:** 2/7/2017

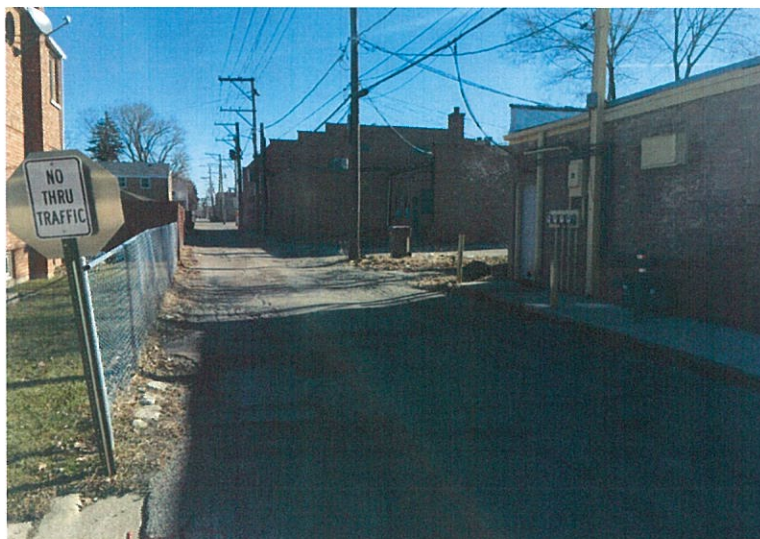
**TIME:** 1100

**PHOTO BY:** L. Range

**DIRECTION:** East

**COMMENTS:**

Photo of the back alley, behind Mr. Snappy Cleaners. There is a small open area and directly north of the alley are residential homes.



## Appendix A

### Focused Site Inspection Report

Illinois Environmental Protection Agency  
Bureau of Land  
Remedial Project Management Section  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 62794-9276

FOR ILLINOIS EPA USE:  
LOG NO. \_\_\_\_\_

**Site Remediation Program Form (DRM-2)**  
**(To Be Submitted with all Plans and Reports)**

**RECEIVED**  
**NOV 29 2000**  
**IEPA/BOL**

**I. Site Identification:**

Site Name: Mr. Snappy Cleaners  
Street Address: 1925 West Roosevelt Road  
City: Broadview Illinois Inventory I. D. Number: \_\_\_\_\_  
IEMA Incident Number: \_\_\_\_\_

**II. Remediation Applicant:**

Applicant's Name: Mike Maenza Company: Maenza Brothers Inc.  
Street Address: 2 Oakbrook Club Drive #B210  
City: Oakbrook State: IL ZIP Code: 60523 Phone: 708-345-6584

I hereby request that the Illinois EPA review and evaluate the attached project documents in accordance with the terms and conditions of the Environmental Protection Act (415 ILCS 5), implementing regulations, and the review and evaluation services agreement.

Remediation Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**III. Contact Person:**

Contact's Name: James M. Tate Company: Superior Property Services Group  
Street Address: 315 North Main Street  
City: Sycamore State: IL ZIP Code: 60178 Phone: 815-895-1018

**IV. Review & Evaluation Licensed Professional Engineer ("RELPE"), if applicable:**

RELPE's Name: \_\_\_\_\_ Company: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP Code: \_\_\_\_\_ Phone: \_\_\_\_\_  
Registration Number: \_\_\_\_\_ License Expiration Date: \_\_\_\_\_

All information submitted is available to the public except when specifically designated by the Remediation Applicant to be treated confidentially as a trade secret or secret process in accordance with the Illinois Compiled Statutes, Section 7(a) of the Environmental Protection Act, applicable Rules and Regulations of the Illinois Pollution Control Board and applicable Illinois EPA rules and guidelines. The Illinois EPA is authorized to require this information under Sections 415 ILCS 5/58 - 58.12 of the Environmental Protection Act and regulations promulgated thereunder. Disclosure of this information is required as a condition of participation in the Site Remediation Program. Failure to do so may prevent this form from being processed and could result in your plan(s) or report(s) being rejected. This form has been approved by the Forms Management Center.

Printed on Recycled Paper

**RELEASABLE**

**NOV 30 2000**

**REVIEWER MM**



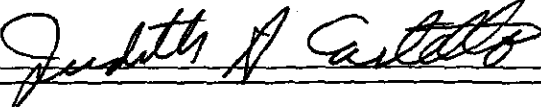
## V. Project Documents Being Submitted:

Document Title: <u>Focused Site Investigation</u>	Date of Preparation of Plan or Report: <u>10/16/2000</u>
Prepared by: <u>Superior Property Services Group</u>	Prepared for: <u>Maenza Brothers Inc.</u>
<u>Type of Document Submitted:</u>	
<input type="checkbox"/> Site Investigation Report - Comprehensive	<input type="checkbox"/> Sampling Plan
<input checked="" type="checkbox"/> Site Investigation Report - Focused	<input type="checkbox"/> Health and Safety Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 1 or 2	<input type="checkbox"/> Community Relations Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 3	<input type="checkbox"/> Risk Assessment
<input type="checkbox"/> Remedial Action Plan	<input type="checkbox"/> Contaminant Fate & Transport Modeling
<input type="checkbox"/> Remedial Action Completion Report	<input type="checkbox"/> Environmental Remediation Tax Credit - Budget Plan Review
	<input type="checkbox"/> Other: _____

Document Title: _____	Date of Preparation of Plan or Report: _____
Prepared by: _____	Prepared for: _____
<u>Type of Document Submitted:</u>	
<input type="checkbox"/> Site Investigation Report - Comprehensive	<input type="checkbox"/> Sampling Plan
<input type="checkbox"/> Site Investigation Report - Focused	<input type="checkbox"/> Health and Safety Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 1 or 2	<input type="checkbox"/> Community Relations Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 3	<input type="checkbox"/> Risk Assessment
<input type="checkbox"/> Remedial Action Plan	<input type="checkbox"/> Contaminant Fate & Transport Modeling
<input type="checkbox"/> Remedial Action Completion Report	<input type="checkbox"/> Environmental Remediation Tax Credit - Budget Plan Review
	<input type="checkbox"/> Other: _____

Document Title: _____	Date of Preparation of Plan or Report: _____
Prepared by: _____	Prepared for: _____
<u>Type of Document Submitted:</u>	
<input type="checkbox"/> Site Investigation Report - Comprehensive	<input type="checkbox"/> Sampling Plan
<input type="checkbox"/> Site Investigation Report - Focused	<input type="checkbox"/> Health and Safety Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 1 or 2	<input type="checkbox"/> Community Relations Plan
<input type="checkbox"/> Remediation Objectives Report-Tier 3	<input type="checkbox"/> Risk Assessment
<input type="checkbox"/> Remedial Action Plan	<input type="checkbox"/> Contaminant Fate & Transport Modeling
<input type="checkbox"/> Remedial Action Completion Report	<input type="checkbox"/> Environmental Remediation Tax Credit - Budget Plan Review
	<input type="checkbox"/> Other: _____

## VI. Professional Engineer's Seal or Stamp:

I attest that all site investigations or remedial activities that are the subject of this plan(s) or report(s) were performed under my direction, and this document and all attachments were prepared under my direction or reviewed by me, and to the best of my knowledge and belief, the work described in the plan and report has been designed or completed in accordance with the Illinois Environmental Protection Act (415 ILCS 5), 35 Ill. Adm. Code 740, and generally accepted engineering practices, and the information presented is accurate and complete.	
Engineer Name: <u>Judith A. Castello</u>	Professional Engineer's Seal or Stamp: _____
Company: <u>Superior Property</u> Phone: <u>815-895-1018</u>	
Registration Number: <u>062-049983</u>	
Signature: <u></u>	License Expiration Date: <u>11/30/2001</u>

**FOCUSED SITE INVESTIGATION**

**MR. SNAPPY CLEANERS  
1925 WEST ROOSEVELT ROAD  
BROADVIEW, COOK COUNTY,  
ILLINOIS**

**Superior Project No. SY1328.00  
October 17, 2000**

**Superior**  
PROPERTY SERVICES GROUP

*Prepared For:*

**Illinois Environmental Protection Agency  
Bureau of Land #24  
Site Remediation Program  
1021 North Grand Avenue East  
Post Office Box 19276  
Springfield, Illinois 62794-9276**

*Submitted By:*

**Superior Property Services Group  
315 North Main Street  
Sycamore, Illinois 60178**

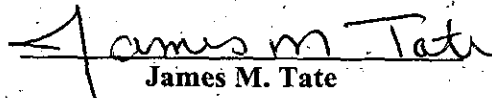
**RELEASABLE**

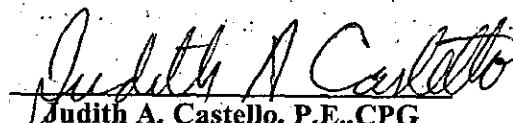
**NOV 30 2000**

**REVIEWER MM**

MR. SNAPPY CLEANERS  
1925 WEST ROOSEVELT ROAD  
BROADVIEW, COOK COUNTY, ILLINOIS

Superior Project Number SY1328.00

  
James M. Tate  
Project Manager

  
Judith A. Castello, P.E., CPG  
Senior Project Engineer

October 17, 2000

## TABLE OF CONTENTS

EXECUTIVE SUMMARY .....	i
1.0 BACKGROUND .....	3
2.0 FOCUSED SITE INVESTIGATION.....	4
2.1 Soil Boring Installations and Soil Sample Collection.....	4
2.2 Laboratory Analytical Results .....	5
2.3 Geology, Hydrogeology and Soil Physical Parameters .....	6
2.3.1 Site Geology .....	6
2.3.2 Site Hydrogeology .....	6
2.3.3 Soil Physical Parameters .....	7
3.0 RECEPTOR CHARACTERIZATION .....	8
3.1 Water Supply Wells .....	8
3.2 Surface Waters .....	9
3.3 Utilities .....	9
3.4 Groundwater Classification .....	9
3.5 Land Use .....	9
3.6 Surrounding Properties .....	9
4.0 CONCLUSIONS AND RECOMMENDATIONS.....	10
5.0 LIMITATIONS.....	11

### **LIST OF FIGURES**

- Figure 1: Site Location Map**
- Figure 2: Surrounding Properties Map**
- Figure 3: Soil Boring Location Map**
- Figure 4: Extent of PCE Concentrations in Soil**
- Figure 5: Extent of TCE Concentrations in Soil**
- Figure 6: Extent of cis-1,2-DCE Concentrations in Soil**
- Figure 7: Extent of Vinyl Chloride Concentrations in Soil**
- Figure 8: Cross Section and Vertical Extent of VOC Impacted Soil**
- Figure 9: Tier I Delineation**

### **LIST OF TABLES**

- Table 1: Summary of VOCs Concentrations in Soil**
- Table 2: TACO Tier I Soil Evaluation for VOCs**

### **LIST OF APPENDICES**

- Appendix A: EPS Environmental Services Analytical Results**
- Appendix B: Boring Logs**
- Appendix C: Laboratory Analytical Reports**
- Appendix D: EDR Report**
- Appendix E: Physical Soil Analytical**
- Appendix F: EDR Water Well Location**
- Appendix G: Groundwater Ordinance**

## FOCUSED SITE INVESTIGATION

**Mr. Snappy Cleaners**  
1925 West Roosevelt Road  
Broadview, Illinois  
Superior Project Number: Sy 1328.00

### EXECUTIVE SUMMARY

Superior Property Service Group (Superior) was retained by Maenza Brothers Inc. to prepare a Focused Site Investigation Report for the Mr. Snappy Cleaners property located at 1925 West Roosevelt Road, Broadview, Illinois, hereinafter referred to as the site (see Figure 1).

The site is located at the northeast corner of the 20<sup>th</sup> Avenue and Roosevelt Road in Broadview, Cook County, Illinois in a mixed residential and commercial land use area. Refer to Figure 2 – Surrounding Properties Map. The site legal description is Lot 186 in Cummings and Foreman R.E. Corporation Roosevelt Road and 17<sup>th</sup> Avenue Subdivision of Lots 1, 2, 3, 4, 5, 7 and 8 in Owners Partition of the South 83.2 Acres of the West ½ of Section 15, Township 39 North, Range 12 East of the Third Principal Meridian, in Cook County, Illinois. The lot dimension is 115' X 25' plus or minus. The tax identification numbers are 15-15-329-029.

As detailed in the following sections of this report, Superior reviewed the earlier investigations, services performed by others, and then developed a program of technical analysis, with additional field investigation and laboratory testing as necessary, to complete a focused site investigation report.

- Based on Tier I Tiered Approach to Cleanup Objectives (TACO) Evaluation utilizing the Soil Remediation Objectives (SROs) for Industrial/Commercial Properties and Class II Groundwater Resources, the following chemicals were identified as contaminants of concern (COC) in soil: cis-1,2-DCE, PCE, TCE and Vinyl Chloride.
- Laboratory analytical results for the soil samples revealed VOC constituents above the method detection limits in SB-1, SB-2, SB-3, SB-6, SB-7, SB-8, SB-9, B-1, B-2, and B-5. VOCs were noted as being above Tier I Soil Remediation Objectives according to Title 35 Illinois Administrative Code Part 742. Appendix B: Table B: Tier I SROs for Industrial/Commercial Properties in SB-1, SB-2, SB-3, SB-8, SB-9, B-1, B-2, and B-5.

## 1.0 Background

Superior was retained by Maenza Brothers Partnership to prepare a Focused Site Investigation Report for the Mr. Snappy Cleaners property located at 1925 West Roosevelt Road, Broadview, Illinois, hereinafter referred to as the site (see Figure 1). The site is located at the northwest corner of the 20<sup>th</sup> Avenue and Roosevelt Road in Broadview, Cook County, Illinois in a mixed residential and commercial land use area. Refer to Figure 2 – Surrounding Properties Map. The site legal description is Lot 186 in Cummings and Foreman R.E. Corporation Roosevelt Road and 17<sup>th</sup> Avenue Subdivision of Lots 1, 2, 3, 4, 5, 7 and 8 in Owners Partition of the South 83.2 Acres of the West ½ of Section 15, Township 39 North, Range 12 East of the Third Principal Meridian, in Cook County, Illinois. The lot dimension is 115' X 25' plus or minus. The tax identification numbers are 15-15-329-029. The site is currently utilized as a dry cleaning facility and is anticipated to remain a dry cleaning facility for future usage.

On July 9, 1999, EPS Environmental Services Inc. (EPS) conducted a limited Phase II Environmental Site Assessment (ESA) in an effort to determine whether soil and/or groundwater had been impacted by activities at the dry cleaning facility located at the above referenced site. EPS completed five soil borings (B-1 through B-5) near the existing two dry cleaning machines and the open area on the north portion of the property. Soil boring locations are illustrated in Figure 3 – Soil Boring Location Map. Samples of soil were submitted for laboratory analysis of volatile organic compounds (VOCs) using SW-846, Method 8260B. The analytical analysis is displayed in Appendix A.

On January 14, 2000, Superior completed an additional seven cumulative borings (SB-1 through SB-7) located radially away from the previous borings completed by EPS. These borings were completed in an effort to further define the vertical and horizontal extent of soil impact. Samples of soil were submitted for laboratory analysis for VOCs. Soil boring locations are illustrated in Figure 3 – Soil Boring Location Map.

On March 6, 2000, Superior completed three borings (SB-8 through SB-10). These borings were completed to better define the south, east and west horizontal extent of soil impact. A geotechnical sample was collected at 8 feet from SB# 10. Samples of soil were submitted for laboratory analysis for VOCs. Soil boring locations are illustrated in Figure 3 – Soil Boring Location Map.

## 2.0 FOCUSED SITE INVESTIGATION

### 2.1 Soil Boring Installations and Soil Sample Collection

Prior to implementing the drilling program, J.U.L.I.E., a utility locating service, was contacted to mark public utility lines. A project manager was on-site during the soil boring installation activities to observe the drilling procedures, and to visually classify soils in accordance with the Unified Soil Classification System (USCS). Geologic and hydrogeologic conditions encountered during drilling were recorded on the boring logs.

Prior to the investigation a site reconnaissance was performed indicating potential sources of contaminants of concern. Superior personnel noted repaired cracks in the concrete flooring which may potentially provide a pathway for dry cleaning solvents to migrate to the subsurface soils. Two dry cleaning machines were located in the central portion of the building. The machines are regularly maintained and refilled with perchloroethene. Improper filling procedures and maintenance may potentially provide overfill and spill occurrences. Storage of the perchloroethene was adjacent to the dry cleaning machines. No other sources of concern were noted.

Prior to Superior, EPS Environmental Services, Inc. (EPS) completed five soil borings (B-1 through B-5) on the above referenced site. On July 9, 1999, EPS Environmental Services Inc. (EPS) conducted a limited Phase II ESA in an effort to determine whether soil and/or groundwater had been impacted by activities at the dry cleaning facility. EPS completed five soil borings (B-1 through B-5) near the existing two dry cleaning machines and the open area on the north portion of the property. Soil boring locations are illustrated in Figure 3 – Soil Boring Location Map. Samples of soil were submitted for laboratory analysis of volatile organic compounds (VOCs) using SW-846, Method 8260B. The analytical results are presented in Appendix A.

On January 14, 2000, Superior utilized a hand auger and a utility mule 4X4 mounted with an Earth Probe 200 to advance seven soil borings at the subject site. Three hand auger soil borings were completed in the area of the two dry cleaning machines within the interior of the building. The remaining four Earth Probe 200 borings were placed in the open area on the north portion of the property. The seven soil borings (SB-1 through SB-7) are illustrated in Figure 3 – Soil Boring Location Map. The soil borings were advanced to a depth of 2-feet and 16-feet bgs.



Each soil boring was either sampled continuously using a 2-foot long, 2-inch diameter split spoon sampler or a stainless steel auger bucket. The boring logs are provided in Appendix B.

On March 6, 2000, Superior completed three borings (SB-8 through SB-10). These borings were completed to better define the south, east and west horizontal extent of soil impact. A geotechnical sample was collected at 8 feet from SB# 10. Samples of soil were submitted for laboratory analysis for VOCs. Soil boring locations are illustrated in Figure 3 – Soil Boring Location Map.

One sample from each boring was collected for laboratory analysis. Soil samples were collected in the unsaturated zone with the greatest potential for impact. Portions of the core sample were removed from the sample barrel and prepared for laboratory analysis. Sample preparation consisted of removing soil from the sampler using new, clean latex gloves and placing the soil into laboratory prepared jars. Each jar was filled completely to minimize headspace and potential loss of volatile organic compounds. Each sample jar was labeled and immediately placed in an ice-filled cooler. The remaining soil was logged, checked for VOC odors and staining, and screened for volatile organic vapors. Volatile organic vapor screening was conducted on one sample for every two feet of recovery by placing the samples in an airtight container and allowing the samples to warm for a minimum of 10 minutes. The probe of the PID was then inserted into the container headspace to allow detection of the volatile organic vapors. The PID readings were recorded on the soil boring logs. The soil sample, which exhibited the highest PID readings were removed from the sample barrel and prepared for laboratory analysis.

Before and after each boring, the downhole equipment was decontaminated to minimize the potential for cross-contamination. Between successive sample intervals, the sampling equipment was cleaned in an aqueous solution ofalconox detergent, rinsed with tap water, and rinsed a second time with distilled water.

## **2.2 Laboratory Analytical Results**

In order to determine if contamination is present, the soil samples were submitted to an analytical laboratory for analysis. Soil samples were submitted for analysis of Volatile Organic Compounds (VOCs) by SW-846 Method 5035/8260B. Laboratory report and chain-of-custody documentation are presented in Appendix C and summarized in Table 1.

Laboratory analytical results for the soil samples revealed VOC constituents above the method detection limits in SB-1, SB-2, SB-3, SB-6, SB-7, SB-8, SB-9, B-1, B-2, and B-5. VOCs were noted as being above Tier I Soil Remediation Objectives according to Title 35 Illinois Administrative Code Part 742. Appendix B: Table B: Tier I SROs for Industrial/Commercial Properties in SB-1, SB-2, SB-3, SB-8, SB-9, B-1, B-2, and B-5.

Based on Tier I Tiered Approach to Cleanup Objectives (TACO) Evaluation utilizing the Soil Remediation Objectives (SROs) for Industrial/Commercial Properties and Class II Groundwater Resources, the following chemicals were identified as contaminants of concern (COC) in soil: cis-1,2-DCE, PCE, TCE and Vinyl Chloride. Refer to Table 2.

## **2.3 Geology, Hydrogeology and Soil Physical Parameters**

The lithological soil structure at the site was obtained from boring logs and laboratory analytical results compiled during the Phase II ESAs. Encountered soil lithologies consisted of gravel from 0- to 1-foot bgs underlain by firm brown-gray silty clay from 1-foot to approximately 16-feet bgs.

### **2.3.1 Site Geology**

The general subsurface geology at the site consists of brown and gray mottled lean clay (CL) with trace amounts of sand, gravel, and black shale. The encountered soil extended to the maximum depth of 16 feet bgs. The observed site geology is consistent with the documented regional geology.

According to ISGS Bulletin 95: Handbook of Illinois Stratigraphy (Willman, H.B. et al, 1975) and ISGS Circular 542: Stack-Unit Mapping of Geologic Materials in Illinois to a depth of 50 feet (Berg, R.C., Kempton J. P., 1988), the regional geological deposits are of glacial origin. According to Potential for Contamination of Shallow Aquifers in Illinois, Circular 532, (Berg, R.C., Kempton J. P., and K. Cartwright 1984) the site is classified as sequence E, uniform, relatively impermeable silty or clayey till or other fine grained materials more than 50 feet thick.

### **2.3.2 Site Hydrogeology**

Groundwater was not encountered during soil boring investigations. Based on the EDR-Radius Map with GeoCheck Report, the groundwater flow direction is to the southeast, toward Des Plaines River. Groundwater is anticipated to be located 30 feet (below ground surface) bgs. Refer to Figure 1 and Appendix D.

### 2.3.3 Soil Physical Parameters

One clean soil sample was collected from soil boring SB-10 at the depth of 8 feet bgs and submitted to Wang Engineering, Inc., located in West Chicago, Illinois, for geotechnical analysis. The following soil physical parameters were determined: bulk density (ASTM D2937), specific gravity (ASTM D854-92), moisture content (ASTM D2216-92), organic content (ASTM D2974), and hydraulic conductivity (ASTM D5084-90). Geotechnical laboratory reports are presented in Appendix E.

Sample No.	Hydraulic Conductivity ASTM D5084-90 cm/sec	Dry Unit Weight, ASTM D2937 Pcf	Specific Gravity ASTM D854-92	Moisture content ASTM D2216-92 %	Organic Carbon Content ASTM D2974 g/g
SB-10	3.77E-08	109.1	2.77	19.6	0.051

The aerial extent of chlorinated hydrocarbon-impacted soil for each COC has been delineated as indicated on Figures 4 through 7. The vertical extent of chlorinated hydrocarbon impacted soil is presented in Figure 8. PCE and TCE impacted soil encompasses on-site and off-site areas. The anticipated off-site extent of impacted soil is to the west of the site beneath the adjoining commercial building, and to the east of the site beneath the parking lot. Cis-1,2-DCE, and vinyl chloride impacted soil encompasses on-site areas. The maximum length of soil plume is 110 feet and the width is 50 feet. The depth of impacted soil is approximately 9 feet bgs. The area of soil plume is approximately 0.13 acres refer to Figure 9 – Tier II Delineation.

### 3.0 RECEPTOR CHARACTERIZATION

As part of receptor characterization, applicable exposure routes and affected media were evaluated. This assessment consists of an evaluation of area water supply wells, surface waters, natural and man-made migratory pathways (i.e., underground utilities and basements). In addition, the rationale for classifying the groundwater resource in the site area as Class II groundwater has been presented.

#### 3.1 Water Supply Wells

A water supply well search was conducted by using the Environmental Data Resources, Inc. (EDR) - Illinois Water Well Report. This report summarizes the information from the following sources: the Environmental Protection Agency (EPA)-Office of Drinking Water, the United States Geological Survey (USGS), the Illinois State Geological Survey (ISGS), and the Illinois State Water Survey (ISWS). The EDR Report is presented in Appendix F.

Based on the EDR Water Well Report, no private potable water supply wells are located within 200 feet of the site and no community water supply wells are present within 2,500 feet of the site. Five state water wells were identified within 1 mile of the site. The EDR Water Well report was not detailed enough for actual distance determination. The Illinois State Geological Survey was contacted for water well records in the area of T39N, R12E, Section 15 and 22. The site is located in the SW  $\frac{1}{4}$  by SE  $\frac{1}{4}$  of Section 15. The ISGS well records indicate a well in the NE  $\frac{1}{4}$  by NE  $\frac{1}{4}$  of Section 15 over 2,500 feet from the site. On March 16, 2000, Superior performed a site reconnaissance of a possible well located on Roosevelt Road and 17<sup>th</sup> Avenue. No evidence of the well was noted at the time of the visit. The City of Broadview has no information on this well and insists there is no well in this location. The water well location map, along with the ISGS well records are included in Appendix F.

Water is supplied to the City of Broadview from Lake Michigan. Broadview issued the groundwater code (Chp. 4 Water Use and Service, Section 8-4-9) prohibiting the use of groundwater as a potable water supply by the installation or use of potable water supply wells. This code has not been reviewed by the IEPA and, therefore, does require a Memorandum of Understanding (MOU) with the IEPA. The code issued by Broadview is provided in Appendix G.

### 3.2 Surface Waters

Based on area reconnaissance, no surface water bodies are located within a 100-foot radius of the site (see Figure 1). Des Plaines River is approximately 1.5 miles east and Salt Creek is approximately 1.5 miles south of the site.

### 3.3 Utilities

The City of Broadview maintains water, natural gas, sanitary, and storm sewer systems for the site. The utility lines identified on site are illustrated in Figure 2.

### 3.4 Groundwater Classification

The site groundwater can be classified as Class II in accordance with 35 IAC 620.260, based on the following data:

- The groundwater beneath the site does not meet the provisions of 35 IAC 620.230 (Class III) and 620.240 (Class IV);
- There are no permeable layers within the first 16 feet bgs with less than 12% fines;
- The hydraulic conductivity of the subsurface in the site area is  $3.77 \times 10^{-8}$  cm/sec, which is less than the limit of  $10^{-4}$  cm/sec;
- The site is located outside a well protection area for a community water well supply;
- The City of Broadview obtains water from Lake Michigan and the city ordinance prohibits the usage of the water supply wells;
- The site is not located in the minimum setback zone of a well, which serves as a potable water supply.
- No community or private water supply wells are located within a 1,000-foot radius from the site, as indicated on the water well location map provided in Appendix F.

Based on the above-listed data, groundwater at the site is assumed to have a Class II groundwater classification. Evaluation presented herein is based on Class II groundwater classification.

### 3.5 Land Use

Based on the information provided by the property owner, the current and future land use will be commercial.

### 3.6 Surrounding Properties

The site is located in a mixed commercial and residential area. The north is bounded by residential property while the east, west, and south adjacent properties are commercial. Roosevelt Road is a heavily utilized east/west route maintaining various residential, commercial and industrial developments. The intersection of 20th Street and Roosevelt Avenue was developed for commercial usage. The intersection is bounded on all four sides by commercial business.

#### 4.0 CONCLUSIONS AND RECOMMENDATIONS

- Based on the analytical results and Tier 1 Evaluation, the contaminants of concern for the site are identified as cis-1,2-DCE, PCE, TCE and Vinyl Chloride for soil.
- Groundwater was not encountered at the site.
- The vertical extent of impacted media has been delineated.
- The complete exposure routes are: 1) the soil ingestion exposure route for PCE, 2) the inhalation exposure route for PCE and Vinyl Chloride; and 3) the soil component of the groundwater ingestion exposure route for all four identified chlorinated hydrocarbons.
- Superior recommends the soil ingestion exposure and inhalation exposure routes for PCE can be excluded by imposition of engineered barrier (asphalt cap/building) over the extent of PCE impacted area on the subject property. The PCE impacted area may extend slightly under the parking lot to the east, and also extends under the buildings to the west but is unlikely to extend to 20<sup>th</sup> Avenue. The existing buildings and parking lot would serve as an engineered barrier.
- Superior recommends the soil inhalation exposure route for Vinyl Chloride be excluded because the level is below Tier II Site Specific soil remediation objectives.
- Superior recommends the groundwater ingestion exposure route (soil component) be excluded from further consideration since all the conditions of 35 IAC 742.320 were met. The City of Broadview drinking water code should be used as institutional control for exclusion of this exposure route.
- Therefore, with the imposition and/or preservation of engineered barriers and institutional controls as described herein, no corrective actions are warranted for the site and the site qualifies for a NFR letter.

## 5.0 LIMITATIONS

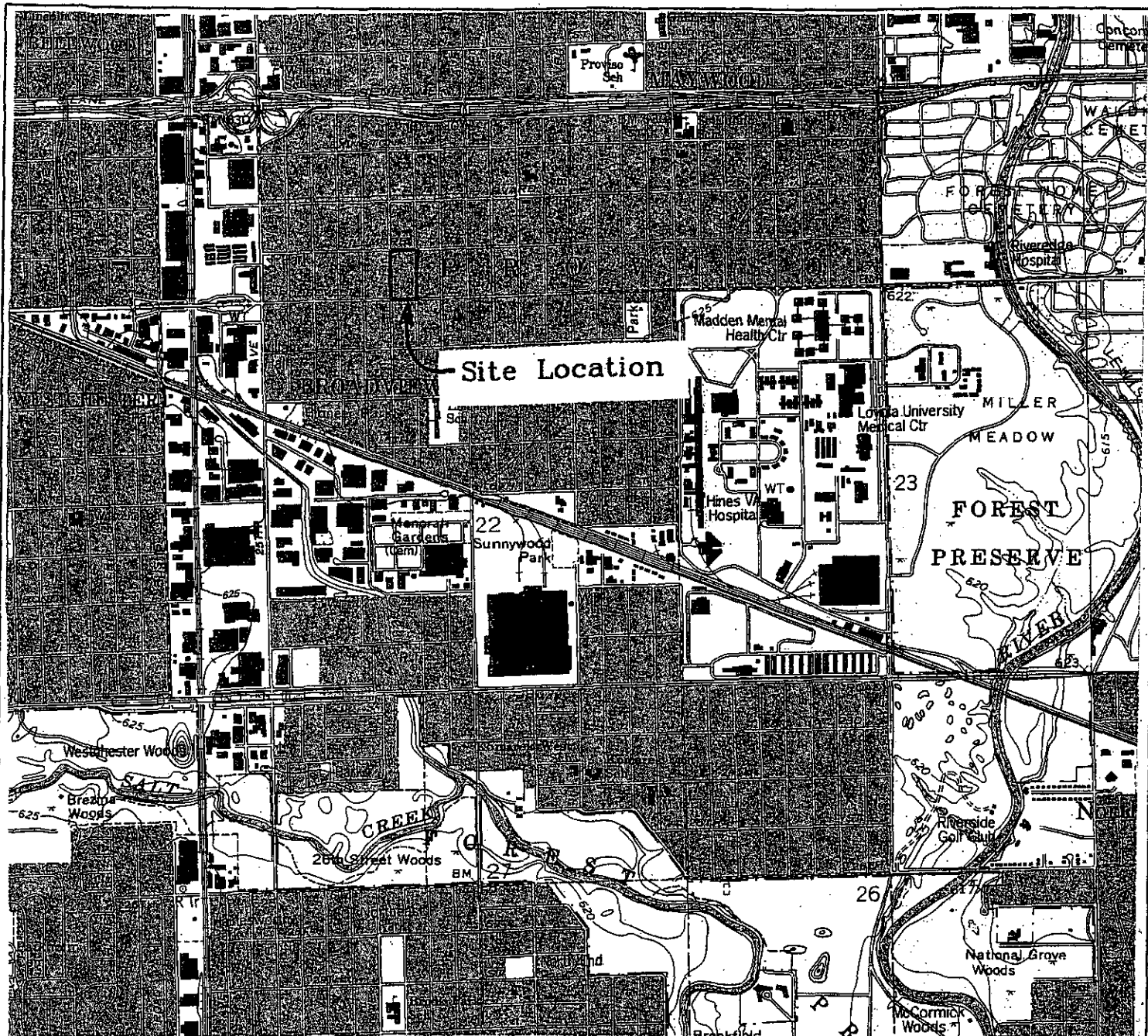
Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions, or recommendations made by others based on the results and designs presented in this report.

The passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated.

It must be noted that no investigation can absolutely rule out the existence of any hazardous materials at a given site. This assessment has been based upon prior site history. Existing hazardous materials and contaminants can escape detection using these methods. If a higher level of confidence were required than can be defined by the document review scope of work, then additional investigation would, of course, be required.

***FIGURES***





USGS Topo. 7.5' Quadrangle, Berwyn Il. 1993

NORTH



0 24000 48000



SCALE: 1" = 24000'

# SITE VICINITY MAP

## FIGURE 1

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

DATE:  
07/24/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

CHECKED BY  
JMT

PROJECT NO.  
SY1328.00

*Superior*

PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-895-1018 FAX: 895-2279

FILE: P:\SY1328\SITEMAP.DWG

Alley

20th Avenue

SAND 22  
OFFICE

SB-7 SB-5  
B-2 B-3  
Gravel  
Parking  
Lot  
SB-6 B-1 SB-4  
B-4  
Outside Parking Lot

Florist

SB-3  
B-5 SB-1

Asphalt  
Parking  
Lot

SB-10

Hairs  
&  
Things

SB-8  
SB-2

Site  
Structure

SB-9

Commercial  
Barber  
Shop

Cigar &  
Cigarette Shop

OFFICE BUILDING

Roosevelt Road

NORTH



Legend

- Property Line
- Soil Boring (Superior-1/14/00)
- Soil Boring (EPS-7/99)

Note: Drawing is not to scale

**SURROUNDING PROPERTIES MAP**

**FIGURE 2**

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

DATE:  
01/21/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

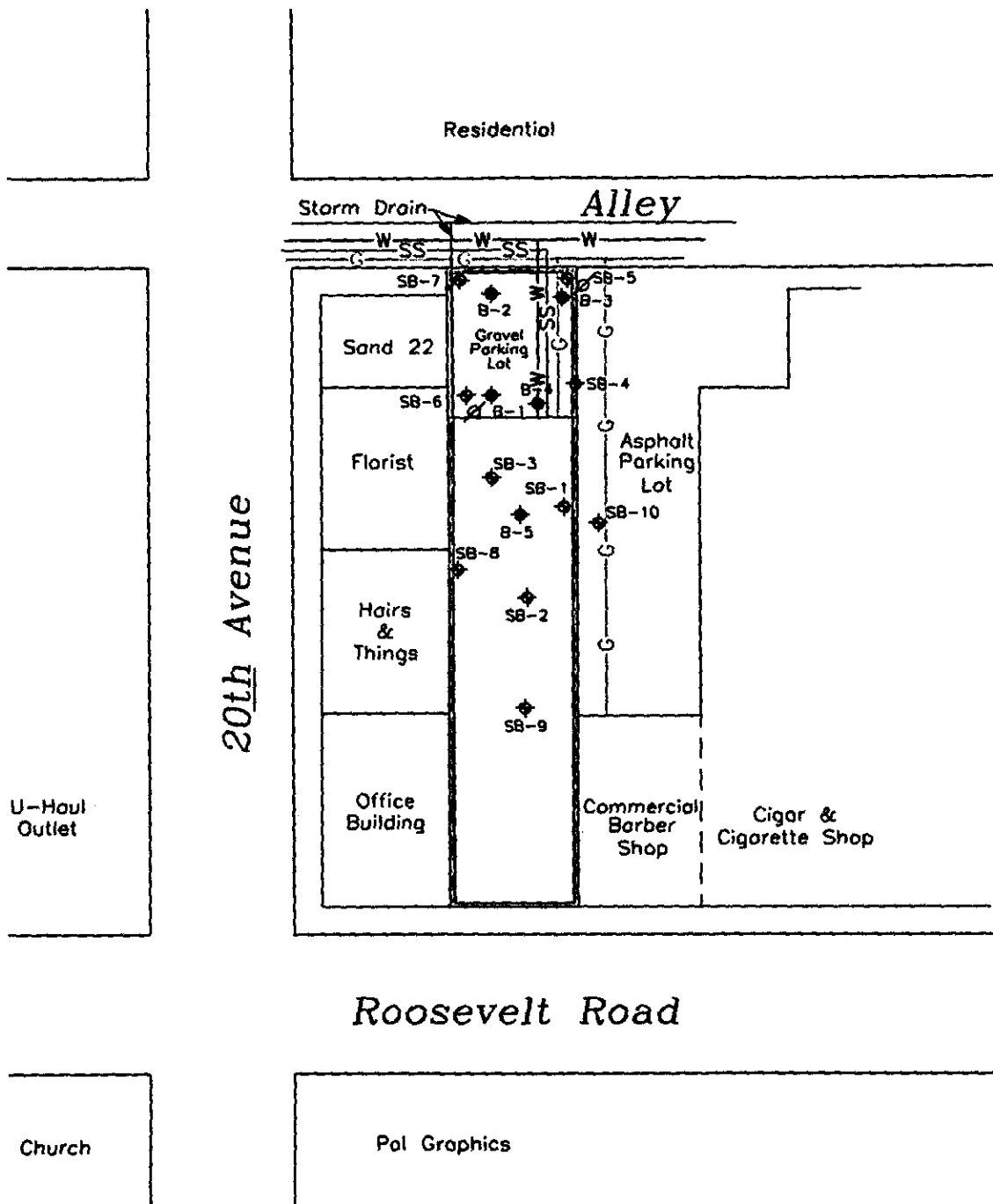
CHECKED BY  
JMT

PROJECT NO.  
SY1328.00

*Superior*

PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-895-1018 FAX: 895-2279

FILE: P:\SY1328\SITEMAP.DWG



### Legend

- Property Line
- G— Gas Line
- W— Water Line
- SS— Sanitary Sewer
- ⦿ Electric Pole
- ◆ (Superior) Soil Boring
- ◆ (EPS) Soil Boring

NORTH



0 30 60



SCALE: 1" = 30'

### Soil Boring Location Map

#### FIGURE 3

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

DATE:  
01/21/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

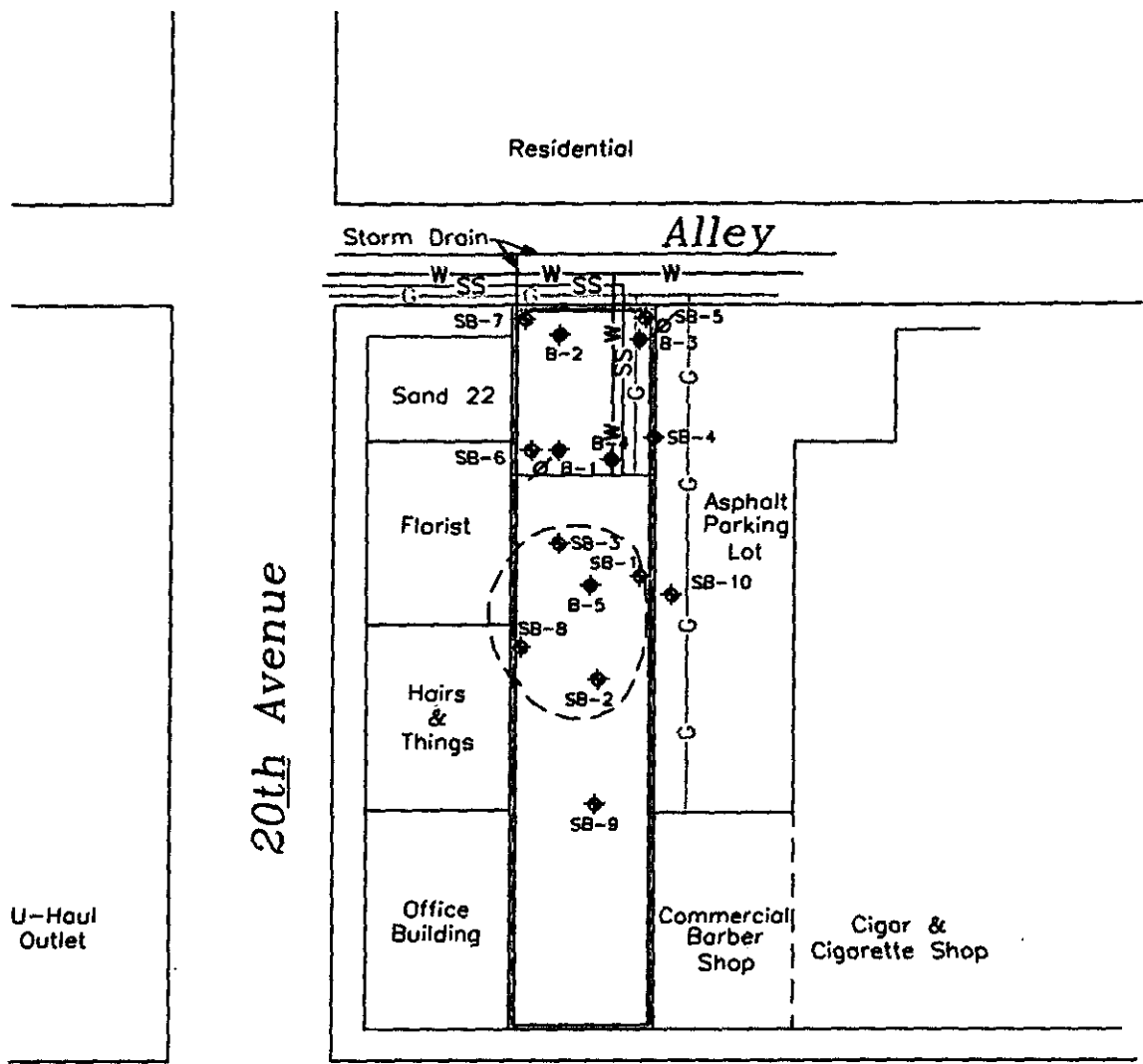
CHECKED BY  
JMT

PROJECT NO.  
SY1328.00

**Superior**

PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-895-1018 FAX: 895-2279

FILE: P:\SY1328\SITEMAP.DWG



U-Haul  
Outlet

20th Avenue

Roosevelt Road

Church

Pol Graphics

### Legend

- Property Line
- - - Extent of PCE
- G- Gas Line
- W- Water Line
- SS- Sanitary Sewer
- Ø Electric Pole
- ◆ (Superior) Soil Boring
- ◆ (EPS) Soil Boring

NORTH



0 30 60



SCALE: 1" = 30'

### EXTENT OF PCE CONCENTRATION IN SOIL

#### FIGURE 4

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

DATE:  
01/21/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

CHECKED BY  
JMT

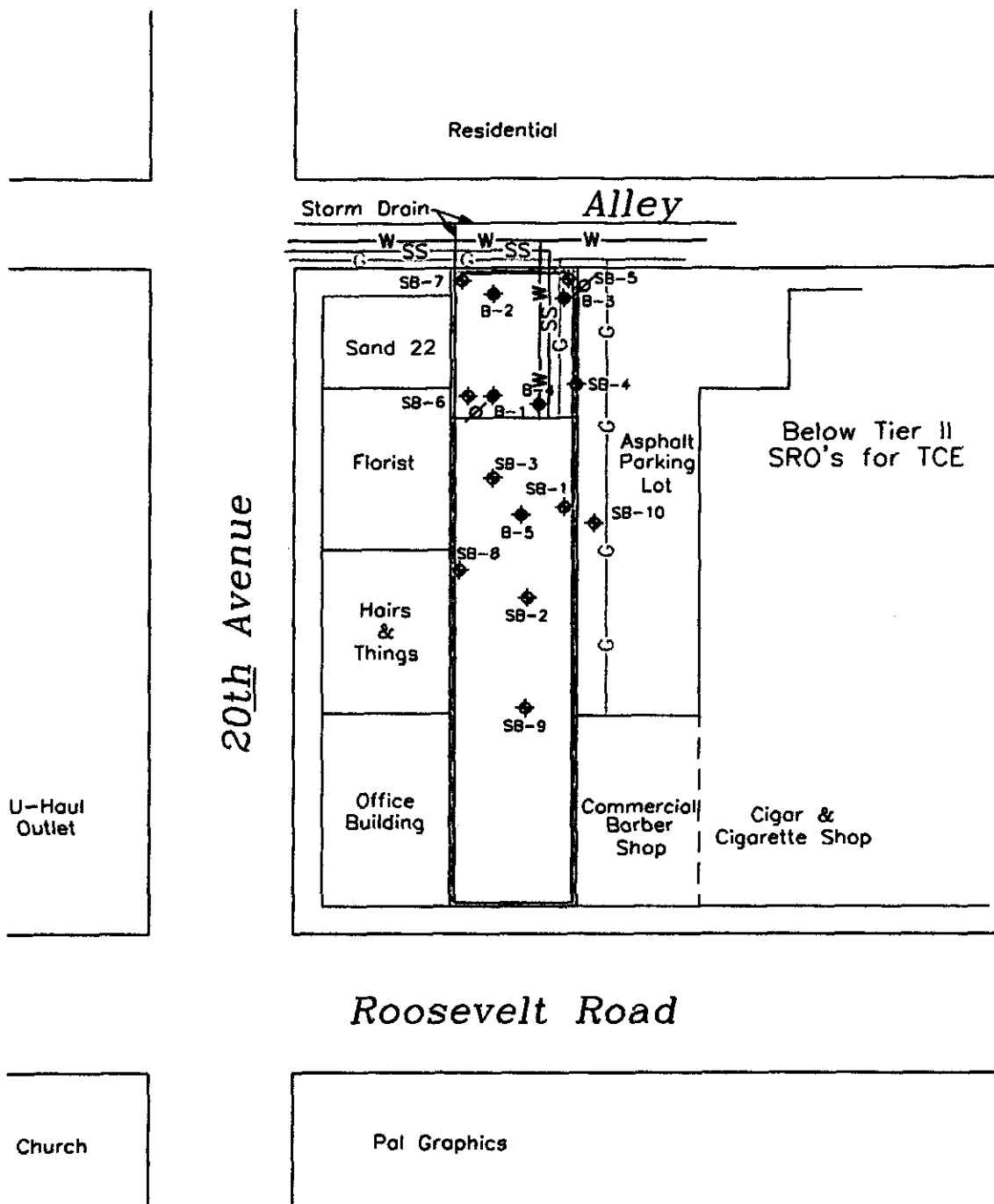
PROJECT NO.  
SY1328.00

*Superior*

PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178

815-895-1018 FAX: 895-2279

FILE: P:\SY1328\ITEMAP.DWG



#### Legend

- Property Line
- Extent of TCE
- G — Gas Line
- W — Water Line
- SS — Sanitary Sewer
- ⊗ Electric Pole
- ◆ (Superior) Soil Boring
- ◆ (EPS) Soil Boring

NORTH



0 30 60



SCALE: 1" = 30'

#### EXTENT OF TCE CONCENTRATION IN SOIL

##### FIGURE 5

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

DATE:  
01/21/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

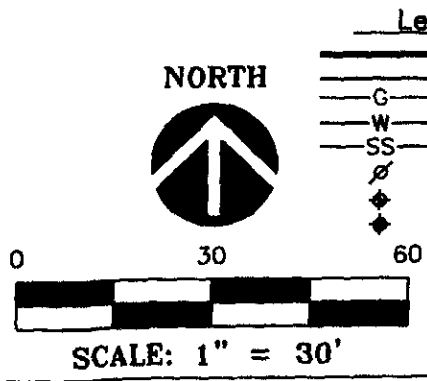
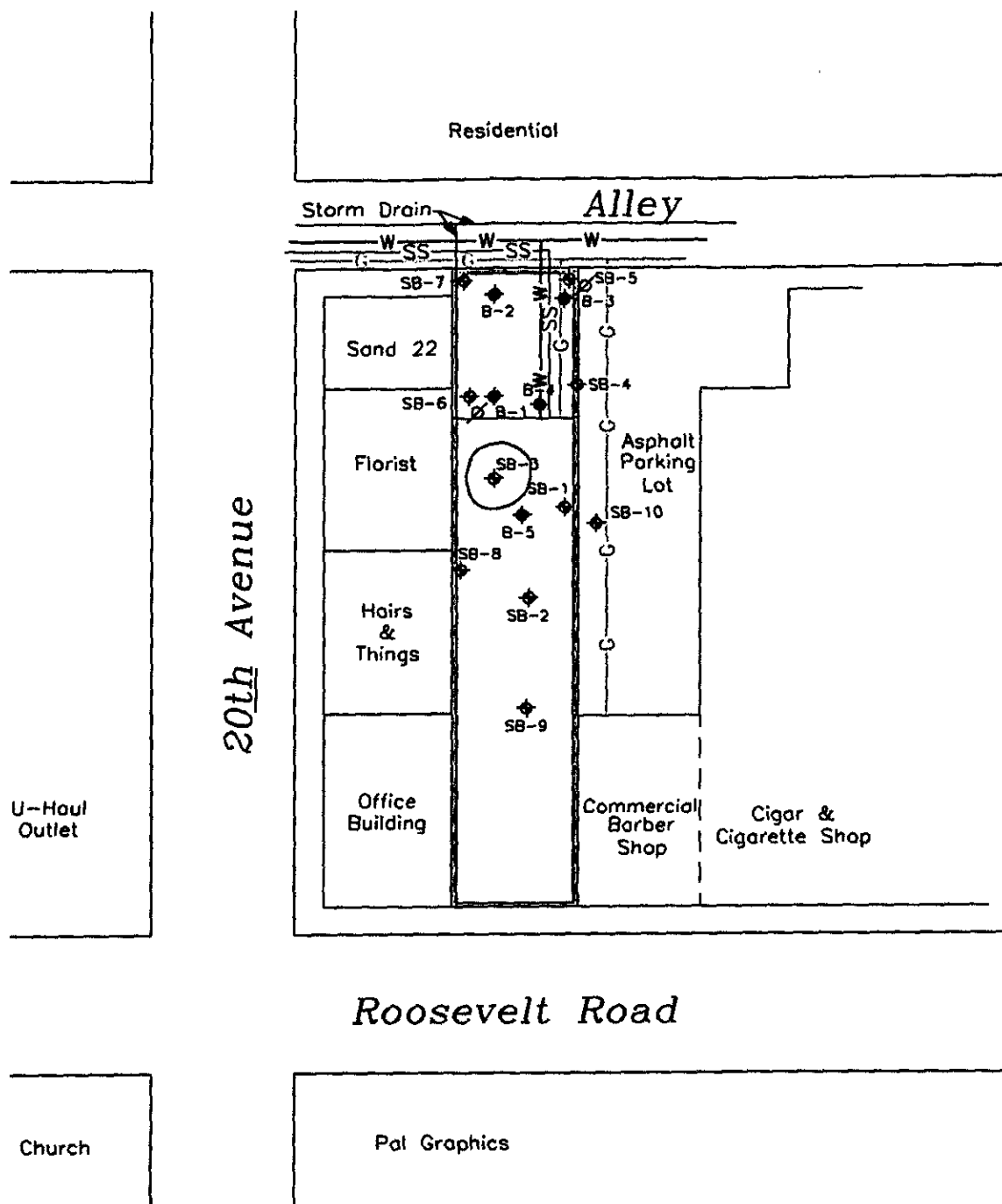
CHECKED BY  
JMT

PROJECT NO.  
SY1328.00

*Superior*

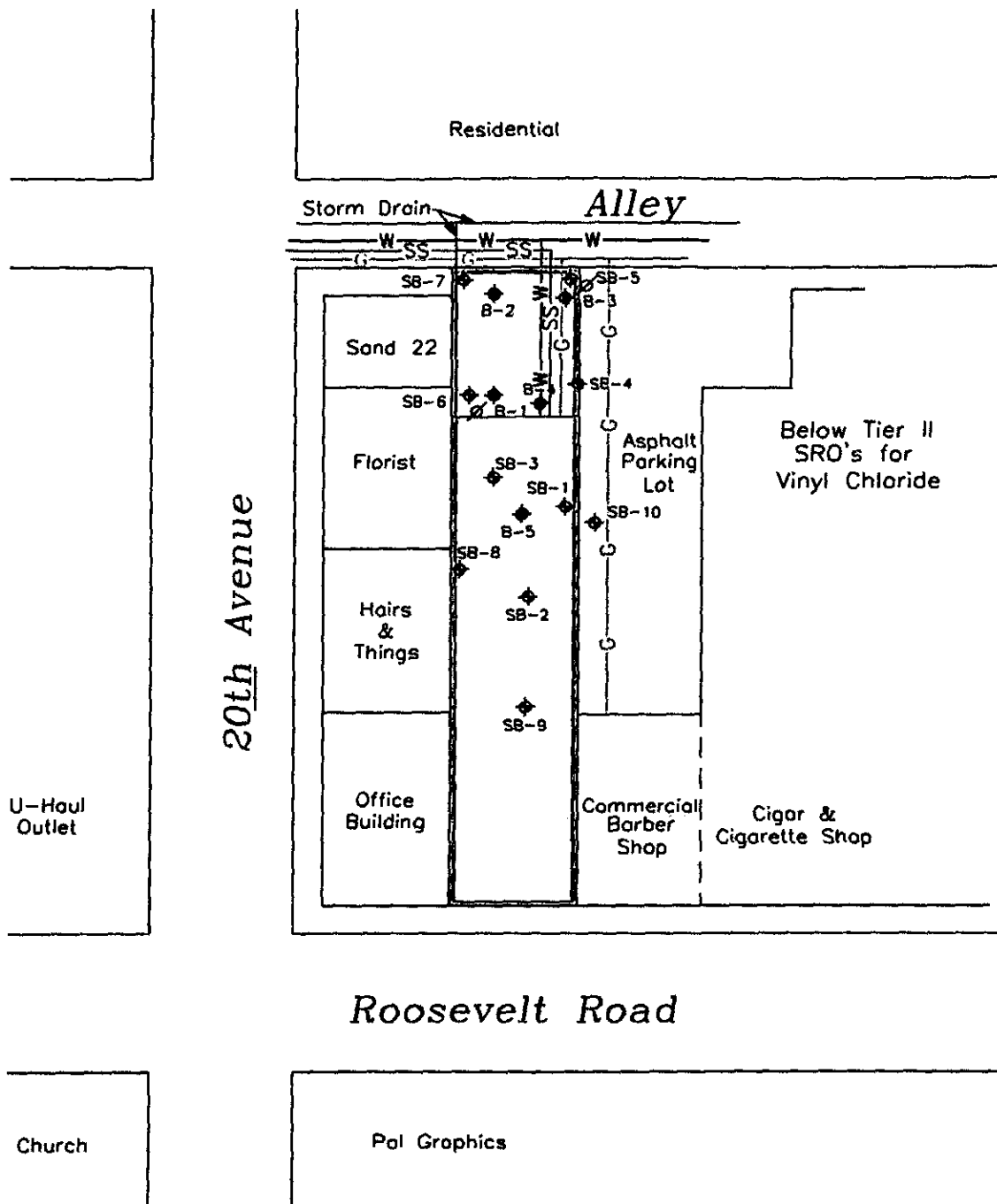
PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-895-1018 FAX: 895-2279

FILE: P:\SY1328\SITEMAP.DWG



- Legend**
- Property Line
  - Extent of Cis-1,2-DCE
  - G — Gas Line
  - W — Water Line
  - SS — Sanitary Sewer
  - ⊘ — Electric Pole
  - ◆ — (Superior) Soil Boring
  - ◆ — (EPS) Soil Boring

EXTENT OF Cis-1,2-DCE CONC. IN SOIL	
<b>FIGURE 6</b>	
Mr. Snappy (Cleaners) 1925 Roosevelt Road Broadview, Illinois	DATE: 01/21/00
<i>Superior</i> <b>PROPERTY SERVICES</b> 315 N. MAIN STREET SYCAMORE, IL 60178 815-895-1018 FAX: 895-2279	DRAWN BY DHE
	SUPERVISOR TMM
	CHECKED BY JMT
FILE: P:\SY1328\SITEMAP.DWG	PROJECT NO. SY1328.00



#### Legend

- Property Line
- Extent of Vinyl Chloride
- G — Gas Line
- W — Water Line
- SS — Sanitary Sewer
- ⊗ Electric Pole
- ◆ (Superior) Soil Boring
- ◆ (EPS) Soil Boring

NORTH



SCALE: 1" = 30'

#### EXT. OF VINYL CHLORIDE CONC. IN SOIL

##### FIGURE 7

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

DATE:  
01/21/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

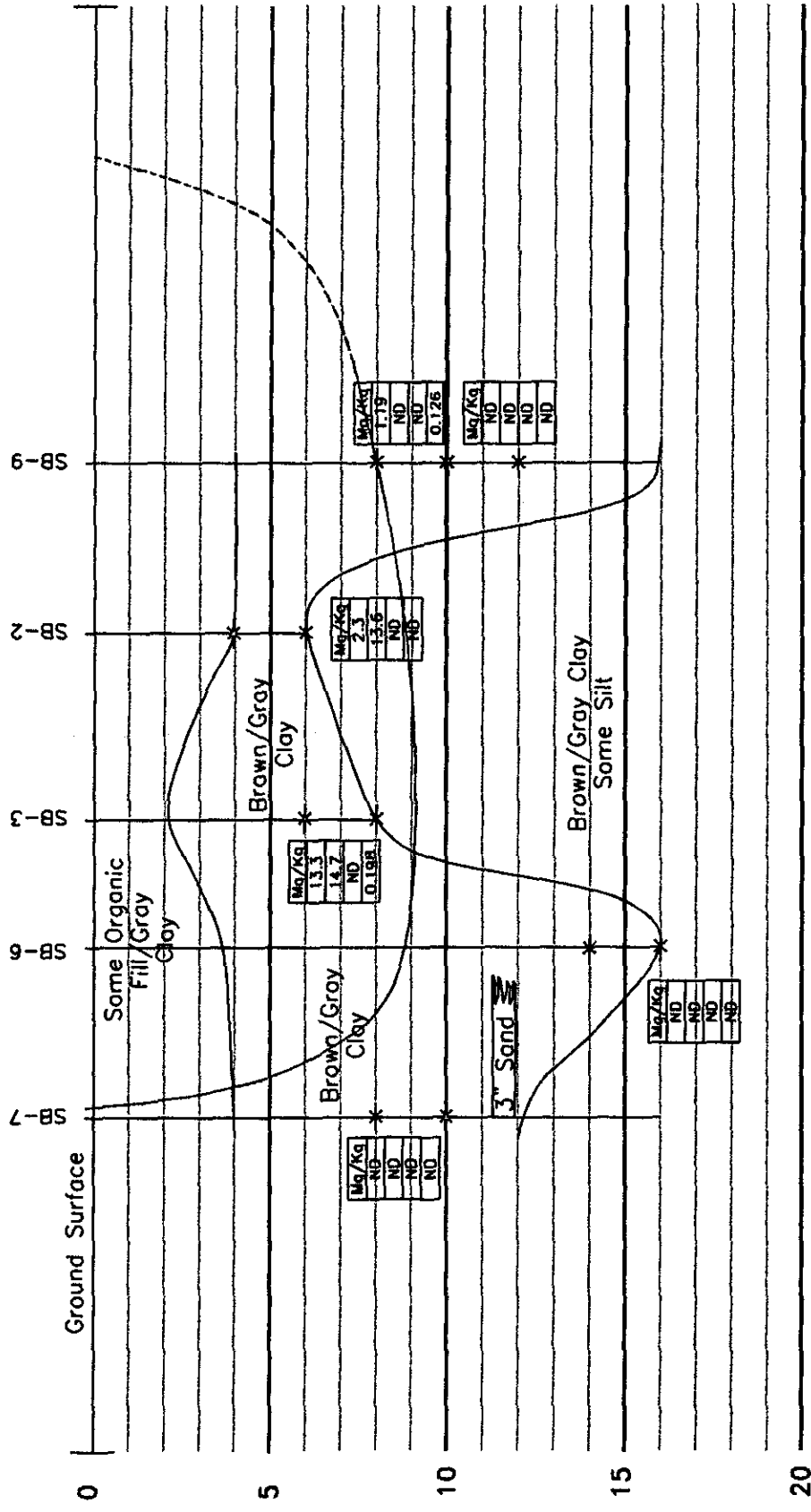
CHECKED BY  
JMT

PROJECT NO.  
SY1328.00

**Superior**

PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-895-1018 FAX: 895-2279

FILE: P:\SY1328\ITEMAP.DWG



**Legend**

Mg/Kg	ND
ND	ND
ND	ND
ND	ND

Cis-1,2, Dce Concentration  
PCE Concentration  
TCE Concentration  
Vinyl Chloride Concentration  
X Sample Location  
— Vertical and Horizontal Extent of Impaction

ND= Not detected above Tier I soil remediation objectives for Industrial/Commercial properties. (Class II)

Horizontal Scale - 1" = 20'  
Vertical Scale - 1" = 5'

**Site Cross Section**

**FIGURE 8**

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

DATE:  
01/20/00  
DRAWN BY  
DHE

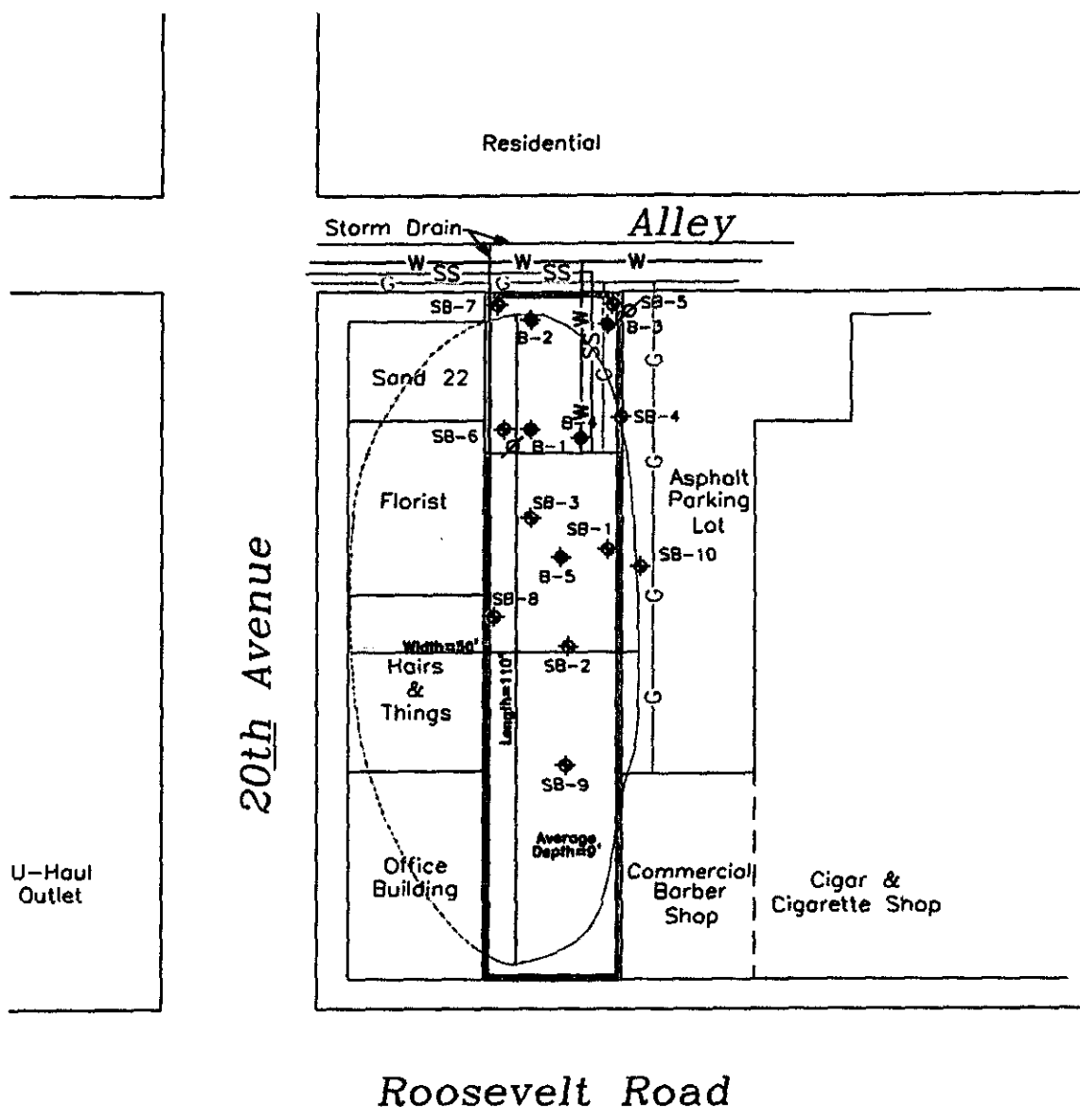
**Superior**

PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-885-1018 FAX: 895-2279

SUPERVISOR  
TMM  
CHECKED BY  
JMT  
PROJECT NO.  
SY1328.00

FILE: P:\SY1328\SIEMAP.DWG

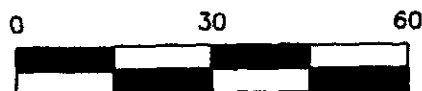




### Legend

- Property Line
- G — Gas Line
- W — Water Line
- SS — Sanitary Sewer
- ⊗ Electric Pole
- ◆ (Superior) Soil Boring
- ◆ (EPS) Soil Boring
- Aerial Delineation

NORTH



SCALE: 1" = 30'

### TIER I DELINEATION

#### FIGURE 9

Mr. Snappy (Cleaners)  
1925 Roosevelt Road  
Broadview, Illinois

*Superior*

PROPERTY SERVICES  
315 N. MAIN STREET  
SYCAMORE, IL 60178  
815-895-1018 FAX: 895-2279

FILE: P:\SY1328\SITEMAP.DWG

DATE:  
01/21/00

DRAWN BY  
DHE

SUPERVISOR  
TMM

CHECKED BY  
JMT

PROJECT NO.  
SY1328.00

## *TABLES*

TABLE 1  
VOC SOIL ANALYTICAL RESULTS - 1/14/00  
Mr. Snappy Cleaners  
1925 Roosevelt Road  
Broadview, Illinois  
Superior Project Number: Sy 1328.00

Soil Analytical Results VOC's							
Sample Name	SB-1	SB-2	SB-3	SB-4	SB-5	SB-6	SB-7
Depth	6'-9'-12"	4'-6"	6'-8"	10'-12"	10'-12"	14'-16"	14'-16"
Volatile Organic Compounds (VOCs) by EPA Method 8260B							
Acetone	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Benzene	0.00795	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Disulfide	<0.005	<0.005	0.019	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	0.0139	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	0.0512	<0.005	0.0114	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	0.00123	<b>2.3</b>	<b>13.3</b>	<0.005	<0.005	0.00961	<0.005
trans-1,2-Dichloroethene	0.417	0.0995	0.622	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride <sup>1</sup>	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	<b>678</b>	<b>13.6</b>	<b>14.7</b>	<0.005	<0.005	<0.005	0.00625
Toluene	0.0144	<0.005	0.00577	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	<b>2.8</b>	0.0948	0.0258	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	<0.01	<0.01	<b>0.198</b>	<0.01	<0.01	<0.01	<0.01
Xylenes (total)	0.00847	<0.005	0.00583	<0.005	<0.005	<0.005	<0.005

Notes:

All results in mg/Kg

Depth in feet below ground surface

Bold and Shaded results indicate exceedance of Tier I Industrial/Commercial Class II Objectives

NA=Not Analyzed

<sup>1</sup> Laboratory artifact concentrations found of this analyte are characteristic of laboratory artifact

Samples taken by Superior

TABLE 1 cont.  
VOC SOIL ANALYTICAL RESULTS - 3/6/00  
Mr. Snappy Cleaners  
1925 Roosevelt Road  
Broadview, Illinois  
Superior Project Number: Sy 1328.00

Soil Analytical Results VOC's					
Sample Name	SB-8	SB-8	SB-9	SB-9	SB-10
Depth	6'-8'	14'-16'	6'-8'	8'-10'	8'-10'
Volatile Organic Compounds (VOCs) by EPA Method 8260B					
Acetone	<0.025	<0.025	<0.025	<0.025	<0.025
Benzene	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon Disulfide	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	0.0278	<0.005	1.19	<0.005	<0.005
trans-1,2-Dichloroethene	<0.005	<0.005	0.0508	<0.005	<0.005
1,2-Dichloropropane	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,3-Dichloropropene	<0.005	<0.005	<0.005	<0.005	<0.005
Ethylbenzene	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	<0.01	<0.01	<0.01	<0.01	<0.01
4-Methyl-2-Pentanone	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride <sup>1</sup>	<0.005	<0.005	<0.005	<0.005	<0.005
Styrene	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	14	<0.005	<0.005	0.0105	0.0065
Toluene	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.037	<0.005	<0.005	<0.005	<0.005
Vinyl Acetate	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	<0.01	<0.01	0.125	<0.01	<0.01
Xylenes (total)	<0.005	<0.005	<0.005	<0.005	<0.005

Notes:

All results in mg/Kg

Depth in feet below ground surface

Bold and Shaded results indicate exceedance of Tier I Industrial/Commercial Class II Objectives

NA=Not Analyzed

\* Laboratory artifact concentrations found of this analyte are characteristic of laboratory artifact  
Samples taken by Superior

TABLE 1 cont.  
VOC SOIL ANALYTICAL RESULTS - 7/9/99  
Mr. Snappy Cleaners  
1925 Roosevelt Road  
Broadview, Illinois  
Superior Project Number: Sy 1328.00

Soil Analytical Results VOC's						
Sample Name	B-1	B-2	B-3	B-4	B-5	B-5
Depth	9'	9'	8.5'	10'	11.5'	7'
Volatile Organic Compounds (VOCs) by EPA Method 8260B (EPS Environmental Services, Inc.)						
Acetone	<1.3	<1.3	<1.3	NA	<1.3	<1.3
Benzene	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Bromodichloromethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Bromoform	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Bromomethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
2-Butanone	<0.01	<0.01	<0.01	NA	<0.01	<0.01
Carbon Disulfide	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Carbon tetrachloride	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Chlorobenzene	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Chlorodibromomethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Chloroethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Chloroform	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Chloromethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
1,1-Dichloroethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
1,2-Dichloroethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
1,1-Dichloroethene	<0.25	<0.25	<0.25	NA	<0.25	<0.25
cis-1,2-Dichloroethene	6.1	3.7	<0.25	NA	1.4	0.95
trans-1,2-Dichloroethene	0.36	<0.25	<0.25	NA	<0.25	0.95
1,2-Dichloropropane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
cis-1,3-Dichloropropene	<0.25	<0.25	<0.25	NA	<0.25	<0.25
trans-1,3-Dichloropropene	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Ethylbenzene	<0.25	<0.25	<0.25	NA	<0.25	<0.25
2-Hexanone	<0.5	<0.5	<0.01	NA	<0.5	<0.5
4-Methyl-2-Pentanone	<0.5	<0.5	<0.01	NA	<0.5	<0.5
Methylene chloride <sup>1</sup>	0.360*	0.260*	<0.25	NA	0.290*	<0.25
Styrene	<0.25	<0.25	<0.5	NA	<0.25	<0.25
1,1,2,2-Tetrachloroethane	<0.25	<0.25	<0.005	NA	<0.25	<0.25
Tetrachloroethene	1.1	1.7	<0.25	NA	54	4.8
Toluene	<0.25	<0.25	<0.25	NA	<0.25	<0.25
1,1,1-Trichloroethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
1,1,2-Trichloroethane	<0.25	<0.25	<0.25	NA	<0.25	<0.25
Trichloroethene	<0.25	1.7	<0.25	NA	0.31	1.2
Vinyl Acetate	<0.5	<0.5	<0.5	NA	<0.5	<0.5
Vinyl chloride	<0.25	<0.25	<0.01	NA	<0.25	<0.25
Xylenes (total)	<0.25	<0.25	<0.005	NA	<0.25	<0.25

Notes:

All results in mg/Kg

Depth in feet below ground surface

Bold and Shaded results indicate exceedance of Tier I Industrial/Commercial Class II Objectives

NA=Not Analyzed

\* Laboratory artifact concentrations found of this analyte are characteristic of laboratory artifact

Samples taken by EPS

TABLE 2  
TIER I SOIL REMEDIATION OBJECTIVES  
FOR  
INDUSTRIAL/COMMERCIAL PROPERTIES  
Mr. Snappy Cleaners  
1925 Roosevelt Road  
Broadview, Illinois  
Superior Project Number: Sy 1328.00

			Soil Cleanup Objectives				
CAS No.	Chemical Name	Maximum Detected Concentration (Soil) (mg/kg)	Exposure Route-Specific Values for Soils			Soil Component of the Groundwater Ingestion Exposure Route Values	
			Industrial-Commercial		Construction Worker	Class I (mg/kg)	Class II (mg/kg)
			Ingestion (mg/kg)	Inhalation (mg/kg)			
156-59-2	Dichloroethene, cis-1,2-	(SB-3) 13.3	20000	1200	20000	0.4	0.1
127-18-4	Tetrachloroethene	(SB-1) 678	110	20	2400	0.06	0.3
79-01-6	Trichloroethene	(SB-1) 2.8	520	8.9	1200	0.06	0.3
75-01-4	Vinyl chloride	(SB-3) 0.198	3	0.06	65	0.01	0.07

- Note:
- Concentrations in bold indicate exceedences of the Tier 1 Industrial/Commercial objectives.
  - Shaded represents Tier 1 exceedence.
  - Concentrations exhibited indicate highest concentrations from constituents of concern.

*APPENDIX A*



1380 Busch Parkway  
Buffalo Grove, Illinois 60089

Email: info@glalabs.com  
(847) 808-7766 FAX (847) 808-7772

Date: July 22, 1999

EPS Environmental Services, Inc.  
7237 W. Devon Avenue  
Chicago, IL 60631  
Attention: Harvey Pokorny

Project: 2737-0699-1125 Roosevelt

Enclosed are the results from 5 soil samples received at Great Lakes Analytical on July 13, 1999. The requested analyses are listed below:

SAMPLE#	SAMPLE DESCRIPTION	DATE OF COLLECTION	TEST METHOD
9070188-01	Soil: B-1/9	7/9/99	VOC, EPA 8260
9070188-02	Soil: B-2/9	7/9/99	VOC, EPA 8260
9070188-03	Soil: B-3/8.5	7/9/99	VOC, EPA 8260
9070188-04	Soil: B-5/1	7/9/99	VOC, EPA 8260
9070188-05	Soil: B-5/7	7/9/99	VOC, EPA 8260

This report may not be reproduced, except in full, without the written approval of the laboratory.

Please contact me if you have any questions. In the meantime, thank you for the opportunity to work with you on this project.

Very truly yours,

GREAT LAKES ANALYTICAL

Kevin W. Keeley  
Laboratory Director





1380 Busch Parkway  
Buffalo Grove, Illinois 60089

Email: info@glalabs.com  
(847) 808-7766 FAX (847) 808-7772

EPS Environmental Services, Inc.  
7237 W. Devon Avenue  
Chicago, IL 60631  
Attention: Harvey Pokorny

Client Project ID: 2737-0699-1125 Roosevelt  
Sample Descript: Soil: B-1/9  
Analysis Method: EPA 8260  
Lab Number: 9070188-01

Sampled: Jul 9, 1999  
Received: Jul 13, 1999  
Analyzed: Jul 21, 1999  
Reported: Jul 22, 1999

### VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone.....	1,300	N.D.
Benzene.....	250	N.D.
Bromodichloromethane.....	250	N.D.
Bromoform.....	250	N.D.
Bromomethane.....	250	N.D.
2-Butanone.....	500	N.D.
Carbon disulfide.....	250	N.D.
Carbon tetrachloride.....	250	N.D.
Chlorobenzene.....	250	N.D.
Chlorodibromomethane.....	250	N.D.
Chloroethane.....	250	N.D.
Chloroform.....	250	N.D.
Chloromethane.....	250	N.D.
1,1-Dichloroethane.....	250	N.D.
1,2-Dichloroethane.....	250	N.D.
1,1-Dichloroethene.....	250	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>250</b>	<b>6,100</b>
<b>trans-1,2-Dichloroethene.....</b>	<b>250</b>	<b>360</b>
1,2-Dichloropropane.....	250	N.D.
cis 1,3-Dichloropropene.....	250	N.D.
trans 1,3-Dichloropropene.....	250	N.D.
Ethylbenzene.....	250	N.D.
2-Hexanone.....	500	N.D.
<b>Methylene chloride.....</b>	<b>250</b>	<b>360A</b>
4-Methyl-2-pentanone.....	500	N.D.
Styrene.....	250	N.D.
1,1,2,2-Tetrachloroethane.....	250	N.D.
<b>Tetrachloroethene.....</b>	<b>250</b>	<b>1,100</b>
Toluene.....	250	N.D.
1,1,1-Trichloroethane.....	250	N.D.
1,1,2-Trichloroethane.....	250	N.D.
Trichloroethene.....	250	N.D.
Trichlorofluoromethane.....	250	N.D.
Vinyl acetate.....	500	N.D.
Vinyl chloride.....	250	N.D.
Total Xylenes.....	250	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

Kevin W. Keeley  
Laboratory Director

**Please Note:**

A= Laboratory artifact-concentrations found of this analyte are characteristic of laboratory artifact.


**GREAT  
LAKES  
ANALYTICAL**

 1380 Busch Parkway  
Buffalo Grove, Illinois 60089

 Email: info@glalabs.com  
(847) 808-7766 FAX (847) 808-7772

 EPS Environmental Services, Inc.  
7237 W. Devon Avenue  
Chicago, IL 60631  
Attention: Harvey Pokorny

 Client Project ID: 2737-0699-1125 Roosevelt  
Sample Descript: Soil: B-2/9  
Analysis Method: EPA 8260  
Lab Number: 9070188-02

 Sampled: Jul 9, 1999  
Received: Jul 13, 1999

 Analyzed: Jul 21, 1999  
Revised Report: Jul 26, 1999

**VOLATILE ORGANICS by GC/MS (EPA 8260)**

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone.....	1,300	N.D.
Benzene.....	250	N.D.
Bromodichloromethane.....	250	N.D.
Bromoform.....	250	N.D.
Bromomethane.....	250	N.D.
2-Butanone.....	500	N.D.
Carbon disulfide.....	250	N.D.
Carbon tetrachloride.....	250	N.D.
Chlorobenzene.....	250	N.D.
Chlorodibromomethane.....	250	N.D.
Chloroethane.....	250	N.D.
Chloroform.....	250	N.D.
Chloromethane.....	250	N.D.
1,1-Dichloroethane.....	250	N.D.
1,2-Dichloroethane.....	250	N.D.
1,1-Dichloroethene.....	250	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>250</b>	<b>3,700</b>
trans-1,2-Dichloroethene.....	250	N.D.
1,2-Dichloropropane.....	250	N.D.
cis 1,3-Dichloropropene.....	250	N.D.
trans 1,3-Dichloropropene.....	250	N.D.
Ethylbenzene.....	250	N.D.
2-Hexanone.....	500	N.D.
<b>Methylene chloride.....</b>	<b>250</b>	<b>260A</b>
4-Methyl-2-pentanone.....	500	N.D.
Styrene.....	250	N.D.
1,1,2,2-Tetrachloroethane.....	250	N.D.
<b>Tetrachloroethene.....</b>	<b>250</b>	<b>1,700</b>
Toluene.....	250	N.D.
1,1,1-Trichloroethane.....	250	N.D.
1,1,2-Trichloroethane.....	250	N.D.
<b>Trichloroethene.....</b>	<b>250</b>	<b>1,700</b>
Trichlorofluoromethane.....	250	N.D.
Vinyl acetate.....	500	N.D.
Vinyl chloride.....	250	N.D.
Total Xylenes.....	250	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

**GREAT LAKES ANALYTICAL**

 Kevin W. Keeley  
Laboratory Director

Please Note:

A= Laboratory artifact-concentrations found of this analyte are characteristic of laboratory artifact.



**GREAT  
LAKES  
ANALYTICAL**

1380 Busch Parkway  
Buffalo Grove, Illinois 60089

Email: info@glalabs.com  
(847) 808-7768 FAX (847) 808-7772

EPS Environmental Services, Inc.  
7237 W. Devon Avenue  
Chicago, IL 60631  
Attention: Harvey Pokorny

Client Project ID: 2737-0699-1125 Roosevelt  
Sample Descript: Soil: B-3/8.5  
Analysis Method: EPA 8260  
Lab Number: 9070188-03

Sampled: Jul 9, 1999  
Received: Jul 13, 1999  
Analyzed: Jul 21, 1999  
Reported: Jul 22, 1999

### VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone.....	1,300	N.D.
Benzene.....	250	N.D.
Bromodichloromethane.....	250	N.D.
Bromoform.....	250	N.D.
Bromomethane.....	250	N.D.
2-Butanone.....	500	N.D.
Carbon disulfide.....	250	N.D.
Carbon tetrachloride.....	250	N.D.
Chlorobenzene.....	250	N.D.
Chlorodibromomethane.....	250	N.D.
Chloroethane.....	250	N.D.
Chloroform.....	250	N.D.
Chloromethane.....	250	N.D.
1,1-Dichloroethane.....	250	N.D.
1,2-Dichloroethane.....	250	N.D.
1,1-Dichloroethene.....	250	N.D.
cis-1,2-Dichloroethene.....	250	N.D.
trans-1,2-Dichloroethene.....	250	N.D.
1,2-Dichloropropane.....	250	N.D.
cis 1,3-Dichloropropene.....	250	N.D.
trans 1,3-Dichloropropene.....	250	N.D.
Ethylbenzene.....	250	N.D.
2-Hexanone.....	500	N.D.
Methylene chloride.....	250	N.D.
4-Methyl-2-pentanone.....	500	N.D.
Styrene.....	250	N.D.
1,1,2,2-Tetrachloroethane.....	250	N.D.
Tetrachloroethene.....	250	N.D.
Toluene.....	250	N.D.
1,1,1-Trichloroethane.....	250	N.D.
1,1,2-Trichloroethane.....	250	N.D.
Trichloroethene.....	250	N.D.
Trichlorofluoromethane.....	250	N.D.
Vinyl acetate.....	500	N.D.
Vinyl chloride.....	250	N.D.
Total Xylenes.....	250	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

**GREAT LAKES ANALYTICAL**

*[Signature]*  
Kevin W. Keeley  
Laboratory Director

907018801.FES <3>



1380 Busch Parkway  
Buffalo Grove, Illinois 60089

Email: info@glalabs.com  
(847) 808-7766 FAX (847) 808-7772

EPS Environmental Services, Inc.  
7237 W. Devon Avenue  
Chicago, IL 60631  
Attention: Harvey Pokorny

Client Project ID: 2737-0699-1125 Roosevelt  
Sample Descript: Soil: B-5/1  
Analysis Method: EPA 8260  
Lab Number: 9070188-04

Sampled: Jul 9, 1999  
Received: Jul 13, 1999  
Analyzed: Jul 21, 1999  
Reported: Jul 21, 1999

### VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone.....	1,300	N.D.
Benzene.....	250	N.D.
Bromodichloromethane.....	250	N.D.
Bromoform.....	250	N.D.
Bromomethane.....	250	N.D.
2-Butanone.....	500	N.D.
Carbon disulfide.....	250	N.D.
Carbon tetrachloride.....	250	N.D.
Chlorobenzene.....	250	N.D.
Chlorodibromomethane.....	250	N.D.
Chloroethane.....	250	N.D.
Chloroform.....	250	N.D.
Chloromethane.....	250	N.D.
1,1-Dichloroethane.....	250	N.D.
1,2-Dichloroethane.....	250	N.D.
1,1-Dichloroethene.....	250	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>250</b>	<b>1,400</b>
trans-1,2-Dichloroethene.....	250	N.D.
1,2-Dichloropropane.....	250	N.D.
cis 1,3-Dichloropropene.....	250	N.D.
trans 1,3-Dichloropropene.....	250	N.D.
Ethylbenzene.....	250	N.D.
2-Hexanone.....	500	N.D.
<b>Methylene chloride.....</b>	<b>250</b>	<b>290A</b>
4-Methyl-2-pentanone.....	500	N.D.
Styrene.....	250	N.D.
1,1,2,2-Tetrachloroethane.....	250	N.D.
<b>Tetrachloroethene.....</b>	<b>250</b>	<b>54,000</b>
Toluene.....	250	N.D.
1,1,1-Trichloroethane.....	250	N.D.
1,1,2-Trichloroethane.....	250	N.D.
<b>Trichloroethene.....</b>	<b>250</b>	<b>310</b>
Trichlorofluoromethane.....	250	N.D.
Vinyl acetate.....	500	N.D.
Vinyl chloride.....	250	N.D.
Total Xylenes.....	250	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

Kevin W. Keeley  
Laboratory Director

**Please Note:**

A= Laboratory artifact-concentrations found of this analyte are characteristic of laboratory artifact.



1380 Busch Parkway  
Buffalo Grove, Illinois 60089

Email: info@glalabs.com  
(847) 808-7766 FAX (847) 808-7772

EPS Environmental Services, Inc.  
7237 W. Devon Avenue  
Chicago, IL 60631  
Attention: Harvey Pokorny

Client Project ID: 2737-0699-1125 Roosevelt  
Sample Descript: Soil: B-5/7  
Analysis Method: EPA 8260  
Lab Number: 9070188-05

Sampled: Jul 9, 1999  
Received: Jul 13, 1999  
Analyzed: Jul 21, 1999  
Reported: Jul 22, 1999

### VOLATILE ORGANICS by GC/MS (EPA 8260)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Acetone.....	1,300	N.D.
Benzene.....	250	N.D.
Bromodichloromethane.....	250	N.D.
Bromoform.....	250	N.D.
Bromomethane.....	250	N.D.
2-Butanone.....	500	N.D.
Carbon disulfide.....	250	N.D.
Carbon tetrachloride.....	250	N.D.
Chlorobenzene.....	250	N.D.
Chlorodibromomethane.....	250	N.D.
Chloroethane.....	250	N.D.
Chloroform.....	250	N.D.
Chloromethane.....	250	N.D.
1,1-Dichloroethane.....	250	N.D.
1,2-Dichloroethane.....	250	N.D.
1,1-Dichloroethene.....	250	N.D.
<b>cis-1,2-Dichloroethene.....</b>	<b>250</b>	<b>19,000</b>
<b>trans-1,2-Dichloroethene.....</b>	<b>250</b>	<b>950</b>
1,2-Dichloropropane.....	250	N.D.
cis 1,3-Dichloropropene.....	250	N.D.
trans 1,3-Dichloropropene.....	250	N.D.
Ethylbenzene.....	250	N.D.
2-Hexanone.....	500	N.D.
Methylene chloride.....	250	N.D.
4-Methyl-2-pentanone.....	500	N.D.
Styrene.....	250	N.D.
1,1,2,2-Tetrachloroethane.....	250	N.D.
<b>Tetrachloroethene.....</b>	<b>250</b>	<b>4,800</b>
Toluene.....	250	N.D.
1,1,1-Trichloroethane.....	250	N.D.
1,1,2-Trichloroethane.....	250	N.D.
Trichloroethene.....	250	N.D.
Trichlorofluoromethane.....	250	N.D.
Vinyl acetate.....	500	N.D.
<b>Vinyl chloride.....</b>	<b>250</b>	<b>1,200</b>
Total Xylenes.....	250	N.D.

Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

GREAT LAKES ANALYTICAL

Kevin W. Keeley  
Laboratory Director



CHAIN OF CUSTODY REPORT

1300 Busch Parkway  
 Buffalo Grove, IL 60089-4505  
 (847) 808-7766  
 FAX (847) 808-7772

20725 Watertown Road  
 Brookfield, WI 53501  
 (414) 798-1030  
 FAX (414) 798-1086

May-01-00 03:20P

Client: <u>EPS Environmental</u>		Bill To:		DATE: <u>5 DAY</u> 1 DAY 2 DAY 3 DAY 4 DAY < 24 HRS.	
Address: <u>7237 W. Decatur Ave</u>		Address:		DATE RESULTS NEEDED: <u>7/20</u>	
City: <u>Chicago IL 60631</u>		State & Program:		TEMPERATURE UPON RECEIPT: <u>6.1</u>	
Report to: <u>Harvey Karmy</u> Phone #: <u>(773) 792-5010</u> Fax #: <u>(773) 712-3041</u>		Phone #: <u>(773) 792-5010</u> Fax #: <u>(773) 712-3041</u>		LAB BILL NO. <u>614 P/C</u>	
Project: <u>2337-0689-1125 Assessment</u>		SAMPLER: <u>H.O.P.</u>			
Quote #: <u>C-8001</u>		FIELD ID, LOCATION			
DATE COLLECTED		TIME COLLECTED		SAMPLE MATRIX	
PRESERVATIVES		NO. CONTAINERS		TYPE CONTAINERS	
CRACKED BROKEN		SEALING		SEALING	
LABORATORY ID NUMBER		SAMPLE CONTROL		LABORATORY ID NUMBER	

FIELD ID, LOCATION	DATE COLLECTED	TIME COLLECTED	SAMPLE MATRIX	PRESERVATIVES	NO. CONTAINERS	TYPE CONTAINERS	CRACKED BROKEN	SEALING	SEALING	LABORATORY ID NUMBER
B-1/9'	7-9-91	12:00	S	14.60 H	1	200	X			9070188-01
B-2/9'							X			9070188-02
B-3/6.5'							X			9070188-03
B-5/1'							X			9070188-04
B-5/7'		1:30					X			9070188-05

RECEIVED	RECEIVED	RECEIVED	RECEIVED	RECEIVED	RECEIVED
7/13	7/13	7/13	7/13	7/13	7/13

COMMENTS: RCE odors - all samples

*APPENDIX B*

LUST Incident No. N/A			Boring Number: SB-1			Page: 1 of 1		
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Road Broadview, Illinois			Boring Location: See Site Map			Date: 01/14/00 Start: 8:00 Finish: 5:00		

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content <div style="text-align: center;">             0%   20   40   60  </div>	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	No Sample				
			2					
			3					
			4	Black/Gray/Green Clay			N/A	
			5					
			6	Brown Gray Clay			N/A	
			7					
			8	Brown Gray Clay			N/A	
			9					
			10	Brown Clay			N/A	
			11					
			12	End of Boring at 12'				
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

**Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.**

Depth To Groundwater	Auger Depth <u>12'</u>	Rig Type <u>Earthprobe</u>	
	Rotary Depth <u>      </u>	Geologist <u>Jim Tate</u>	
<u>N/A</u>	Driller <u>Mark/GeoServe</u>		

**Note: Boring backfilled unless otherwise noted.**

File: P:\SY1328\BORINGS.DWG



LUST Incident No. N/A				Boring Number: SB-2				Page: 1 of 1			
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois				Boring Location: See Site Map				Date: 01/14/00 Start: 8:00 Finish: 5:00			

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content <div style="display: flex; align-items: center;"> <div style="flex: 1; border-bottom: 1px solid black; position: relative;"> <span style="position: absolute; left: 0; top: 50%; transform: translateY(-50%);">0%</span> <span style="position: absolute; left: 25%; top: 50%; transform: translateY(-50%);">20</span> <span style="position: absolute; left: 50%; top: 50%; transform: translateY(-50%);">40</span> <span style="position: absolute; left: 75%; top: 50%; transform: translateY(-50%);">60</span> </div> <div style="margin-left: 10px;">             Scale:             <div style="display: flex; justify-content: space-between; width: 100px;"> <div style="width: 100%; height: 10px; background: linear-gradient(to right, black 25%, white 25% 50%, white 50% 75%, black 75%);"></div> </div> </div> </div>	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	No Sample				
			2					
			3	Black Clay (fill)	•		85	
			4					
			5	Black/Gray Clay	•		20.5	
			6					
			7	End of Boring at 6'				
			8					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

**Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.**

Depth To Groundwater	Auger Depth <u>6'</u>	Rig Type <u>Earthprobe</u>	 Illinois Environmental Protection Agency
	Rotary Depth <u>      </u>	Geologist <u>Jim Tate</u>	
<u>N/A</u>	Driller <u>Mark/GeoServe</u>		

**Note: Boring backfilled unless otherwise noted.**

File: P:\SY1328\BORINGS.DWG


LUST Incident No. N/A			Boring Number: SB-3			Page: 1 of 1		
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois			Boring Location: See Site Map			Date: 01/14/00 Start: 8:00 Finish: 5:00		

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content 0% 20 40 60 Scale:	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	Black Fill	•		33	
			2					
			3	Gray Clay	•		11.5	
			4					
			5	Gray/Brown Mottled Clay	•		12.2	
			6					
			7	Gray/Brown Clay	•		79.0	
			8	End of Boring at 8'				
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Depth To Groundwater  N/A	Auger Depth <u>8'</u> Rig Type <u>Earthprobe</u> Rotary Depth _____      Geologist <u>Jim Tate</u> Driller <u>Mark/GeoServe</u>	 Illinois Environmental Protection Agency
Note: Boring backfilled unless otherwise noted.		File: P:\SY1328\BORINGS.DWG

LUST Incident No. N/A			Boring Number: SB-4			Page: 1 of 1		
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois			Boring Location: See Site Map			Date: 01/14/00      Start: 8:00 Finish: 5:00		

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content <div style="display: flex; align-items: center;"> <div style="flex: 1; border-bottom: 1px solid black; position: relative;"> <span style="position: absolute; left: 0; top: -5px;">0%</span> <span style="position: absolute; left: 25%; top: -5px;">20</span> <span style="position: absolute; left: 50%; top: -5px;">40</span> <span style="position: absolute; left: 75%; top: -5px;">60</span> </div> <div style="margin-left: 10px;">●</div> </div>	Penetrometer	OVA/PID/FID	Remarks
				Scale:				
			0	Ground Surface				
			1	No Sample				
			2					
			3					
			4					
			5	Black/Gray/Green Clay	●		2.0	
			6	Brown Gray Clay				
			7		●		2.8	
			8					
			9	Brown Gray Clay	●		0.9	
			10	Brown Clay				
			11		●		0	
			12					
			13	End of Boring at 12'				
			14					
			15					
			16					
			17					
			18					
			19					
			20					

**Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.**

Depth To Groundwater	Auger Depth <u>12'</u>	Rig Type <u>Earthprobe</u>	 Illinois Environmental Protection Agency
	Rotary Depth <u>      </u>	Geologist <u>Jim Tate</u>	
<u>N/A</u>	Driller <u>Mark/GeoServe</u>		

**Note: Boring backfilled unless otherwise noted.**

File: P:\SY1328\BORINGS.DWG

LUST Incident No. N/A			Boring Number: SB-5 SE Corner			Page: 1 of 1		
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois			Boring Location: See Site Map			Date: 01/14/00 Start: 8:00 Finish: 5:00		

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content <div style="display: flex; align-items: center;"> <div style="flex: 1; border-bottom: 1px solid black; position: relative;"> <span style="position: absolute; left: 0; top: 50%; transform: translateY(-50%);">0%</span> <span style="position: absolute; left: 25%; top: 50%; transform: translateY(-50%);">20</span> <span style="position: absolute; left: 50%; top: 50%; transform: translateY(-50%);">40</span> <span style="position: absolute; left: 75%; top: 50%; transform: translateY(-50%);">60</span> </div> <div style="flex: 1; text-align: center;"> <span style="font-size: 10px;">●</span> </div> </div> Scale:	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	No Sample				
			2					
			3	Black/Gray Clay	●		5.0	
			4					
			5					
			6					
			7	No Sample				
			8					
			9					
			10					
			11	Gray/Brown Clay with 6" Sand/Gravel Layer @ 11.5'	●		57	
			12	End of Boring at 12'				
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

**Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.**

Depth To Groundwater <u>N/A</u>	Auger Depth <u>12'</u>	Rig Type <u>Earthprobe</u>	 Illinois Environmental Protection Agency
	Rotary Depth <u>      </u>	Geologist <u>Jim Tate</u>	
	Driller <u>Mark/GeoServe</u>		

**Note: Boring backfilled unless otherwise noted.**

File: P:\SY1328\BORINGS.DWG


LUST Incident No. N/A				Boring Number: SB-6 Moved 2' East				Page: 1 of 1			
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois				Boring Location: See Site Map				Date: 01/14/00 Start: 8:00 Finish: 5:00			

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content 0% 20 40 60 Scale:	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	No Sample				
			2					
			3					
			4					
			5					
			6					
			7					
			8					
			9					
			10					
			11	End of Boring at 10' moved 2' North				
			12					
			13					
			14	Brown Clay	•		4.8	
			15	Brown/Gray Clay	•			
			16					
			17					
			18					
			19					
			20					

**Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.**

Depth To Groundwater <u>N/A</u>	Auger Depth <u>16'</u>	Rig Type <u>Earthprobe</u>	 Illinois Environmental Protection Agency
	Rotary Depth _____	Geologist <u>Jim Tate</u>	
	Driller <u>Mark/GeoServe</u>		

**Note: Boring backfilled unless otherwise noted.**

File: P:\SY1328\BORINGS.DWG


LUST Incident No. N/A		Boring Number: SB-7		Page: 1 of 1	
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois		Boring Location: See Site Map		Date: 01/14/00 Start: 8:00 Finish: 5:00	

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content 0% 20 40 60 Scale:	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1					
			2					
			3	Black/Gray Clay	•		11.1	
			4					
			5	Brown/Gray Clay	•		14.6	
			6					
			7	No Sample				
			8					
			9	Brown Clay	•		4.7	
			10					
			11	Gray Clay with Sand Layer @ 11.5'	•		5.7	
			12	No Sample				
			13					
			14		•			
			15	Brown Clay with Silt Layer @ 15.5'	•		8.7	
			16	End of Boring at 16'				
			17					
			18					
			19					
			20					

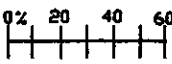
  

**Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.**


Depth To Groundwater <u>N/A</u>	Auger Depth <u>16'</u>	Rig Type <u>Earthprobe</u>	 Illinois Environmental Protection Agency
	Rotary Depth _____	Geologist <u>Jim Tate</u>	
	Driller <u>Mark/GeoServe</u>		

**Note: Boring backfilled unless otherwise noted.**

File: P:\SY1328\BORINGS.DWG

LUST Incident No. N/A			Boring Number: SB-8			Page: 1 of 1		
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois			Boring Location: See Site Map			Date: 01/14/00 Start: 8:00 Finish: 5:00		
Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content  Scale:	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	Black Fill	•		33	
			2					
			3	Gray Clay	•		11.5	
			4					
			5	Gray/Brown Mottled Clay	•		12.2	
			6					
			7					
			8					
			9					
			10					
			11	Gray/Brown Clay	•		79.0	
			12					
			13					
			14					
			15					
			16	End of Boring at 16'				
			17					
			18					
			19					
			20					

**Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.**

Depth To Groundwater  <u>N/A</u>	Auger Depth <u>16'</u> Rotary Depth <u>    </u> Driller <u>Mark/GeoServe</u>	Rig Type <u>Earthprobe</u> Geologist <u>Jim Tate</u>	 Illinois Environmental Protection Agency
--	--	---	---

Note: Boring backfilled unless otherwise noted.


File: P:\SY1328\BORINGS.DWG

LUST Incident No. N/A			Boring Number: SB-9			Page: 1 of 1		
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois			Boring Location: See Site Map			Date: 01/14/00 Start: 8:00 Finish: 5:00		

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content 0% 20 40 60 Scale:	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	Black Fill	•		33	
			2					
			3	Gray Clay	•		11.5	
			4					
			5	Gray/Brown Mottled Clay	•		12.2	
			6					
			7					
			8					
			9					
			10					
			11	Gray/Brown Clay	•		79.0	
			12					
			13					
			14					
			15					
			16	End of Boring at 16'				
			17					
			18					
			19					
			20					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Depth To Groundwater  N/A	Auger Depth <u>16'</u> Rig Type <u>Earthprobe</u> Rotary Depth <u>      </u> Geologist <u>Jim Tate</u> Driller <u>Mark/GeoServe</u>	 Illinois Environmental Protection Agency
Note: Boring backfilled unless otherwise noted.		File: P:\SY1328\BORINGS.DWG




LUST Incident No. N/A				Boring Number: SB-10				Page: 1 of 1			
Site Name: Mr. Snappy (Cleaners) Site Address: 1925 Roosevelt Street Broadview, Illinois				Boring Location: See Site Map				Date: 01/14/00 Start: 8:00 Finish: 8:00			

Sample Number	Sample Device	Sample Recovery	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content 0% 20 40 60 Scale:	Penetrometer	OVA/PID/FID	Remarks
			0	Ground Surface				
			1	Black Fill	•		33	
			2					
			3	Gray Clay	•		11.5	
			4					
			5	Gray/Brown Mottled Clay	•		12.2	
			6					
			7					
			8					
			9					
			10					
			11	Gray/Brown Clay	•		79.0	
			12					
			13					
			14					
			15					
			16	End of Boring at 16'				
			17					
			18					
			19					
			20					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Depth To Groundwater  N/A	Auger Depth <u>16'</u> Rig Type <u>Earthprobe</u> Rotary Depth _____    Geologist <u>Jim Tate</u> Driller <u>Mark/GeoServe</u>	 Illinois Environmental Protection Agency
Note: Boring backfilled unless otherwise noted.		File: P:\SY1328\BORINGS.DWG

*APPENDIX C*

**STAT Analysis Corporation**

2201 West Campbell Park Drive Chicago, Illinois 60612-3501 312.733.0551 Fax: 312.733.2386  
e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com) AIHA accredited 10248, NVLAP accredited 101202-0.

January 21, 2000

Jim Tate  
Superior Property Services Group  
315 N. Main Street  
Sycamore, Illinois 60178-1432  
Phone: (815) 895-1018  
Fax: (815) 895-2279

Dear Mr. Tate:


Enclosed are the analytical results for project number 1328.00, Mr. Snappy, 1925 Roosevelt Road, received by Stat Analysis Corporation on January 14, 2000. The samples were analyzed as per the chain of custody.

All analysis were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3<sup>rd</sup> Edition, December, 1996. Specific method references are listed on the Analytical Report. Results are expressed on a dry weight basis as per method protocols.

All analysis were performed within the established holding times, and all quality control criteria, as outlined in the methods have been met. QA/QC documentation and raw data will remain on file for future reference.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions about the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla  
Project Manager

**STAT****Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: Sainfo@STATAnalysis.com

NVLAP

&amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-1, 6'-9'-12'	Date Taken:	1/14/00
STAT Sample No.:	904851	Date Reported:	1/21/00

Analyte	Result	Units
Solids, Total	81.54	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 1/16, 1/17/00

Acetone	< 25.0	µg/Kg
Benzene	7.95	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	13.9	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	51.2	µg/Kg
cis-1,2-Dichloroethene	1.23	µg/Kg
trans-1,2-Dichloroethene	417	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	678,000	µg/Kg
Toluene	14.4	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com)

NVLAQ

&amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-1, 6'-9'-12'	Date Taken:	1/14/00
STAT Sample No.:	904851	Date Reported:	1/21/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	2,800	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	8.47	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: SAinfo@STATAnalysis.com

NVLAP &amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-2, 4'-6'	Date Taken:	1/14/00
STAT Sample No.:	904852	Date Reported:	1/21/00

Analyte	Result	Units
Solids, Total	80.65	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 1/16, 1/17/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	2,300	µg/Kg
trans-1,2-Dichloroethene	99.5	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	13,600	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com)

NVLAP

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy, 1925 Roosevelt Road Date Received: 1/14/00  
Sample Number: SB-2, 4'-6' Date Taken: 1/14/00  
STAT Sample No.: 904852 Date Reported: 1/21/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	94.8	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com)

&amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-3, 6'-8'	Date Taken:	1/14/00
STAT Sample No.:	904853	Date Reported:	1/21/00

Analyte	Result	Units
Solids, Total	81.15	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 1/16, 1/17/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	19.0	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	11.4	µg/Kg
cis-1,2-Dichloroethene	13,300	µg/Kg
trans-1,2-Dichloroethene	622	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	14,700	µg/Kg
Toluene	5.77	µg/Kg



**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: SAinfo@STATAnalysis.com

NVLAP &amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-3, 6'-8'	Date Taken:	1/14/00
STAT Sample No.:	904853	Date Reported:	1/21/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	25.8	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	198	µg/Kg
Xylenes (total)	5.83	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: SAinfo@STATAnalysis.com

NVLAP &amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-4, 10'-12'	Date Taken:	1/14/00
STAT Sample No.:	904854	Date Reported:	1/21/00

Analyte	Result	Units
Solids, Total	83.66	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 1/20/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	< 5.00	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	< 5.00	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: SAinfo@STATAnalysis.com

NVLAP

&amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-4, 10'-12'	Date Taken:	1/14/00
STAT Sample No.:	904854	Date Reported:	1/21/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: Sainfo@STATAnalysis.com

NVLAQ

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy, 1925 Roosevelt Road Date Received: 1/14/00  
Sample Number: SB-5, 10'-12' Date Taken: 1/14/00  
STAT Sample No.: 904855 Date Reported: 1/21/00

Analyte	Result	Units
Solids, Total	83.75	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 1/20/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	< 5.00	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	< 5.00	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com)

NVLAP® &amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy, 1925 Roosevelt Road Date Received: 1/14/00  
Sample Number: SB-5, 10'-12' Date Taken: 1/14/00  
STAT Sample No.: 904855 Date Reported: 1/21/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: SAinfo@STATAnalysis.com

NVLAP &amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy, 1925 Roosevelt Road Date Received: 1/14/00  
Sample Number: SB-6, 14'-16' Date Taken: 1/14/00  
STAT Sample No.: 904856 Date Reported: 1/21/00

Analyte	Result	Units
Solids, Total	86.76	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 1/20/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	9.61	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	< 5.00	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com)

NVLAP &amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-6, 14'-16'	Date Taken:	1/14/00
STAT Sample No.:	904856	Date Reported:	1/21/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: SAinfo@STATAnalysis.com

NVLAP &amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy, 1925 Roosevelt Road Date Received: 1/14/00  
Sample Number: SB-7, 14'-16' Date Taken: 1/14/00  
STAT Sample No.: 904857 Date Reported: 1/21/00

Analyte	Result	Units
Solids, Total	85.65	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 1/20/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	< 5.00	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	6.25	µg/Kg
Toluene	< 5.00	µg/Kg



**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com)

NVLAQ

&amp;

**Analytical Report**

Client:	Superior Property Services Group		
Project ID:	1328.00, Mr. Snappy, 1925 Roosevelt Road	Date Received:	1/14/00
Sample Number:	SB-7, 14'-16'	Date Taken:	1/14/00
STAT Sample No.:	904857	Date Reported:	1/21/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**Analysis Corporation**  
2201 West Campbell Park Drive Chicago, Illinois 60612-3501 312.733.0551 Fax: 312.733.2386  
e-mail address: [StatLabs@AOL.Com](mailto:StatLabs@AOL.Com). AIHA accredited 10248, NVLAP accredited 101202-Q

**97LA9<sup>®</sup>**

N<sup>o</sup> 700280

## CHAIN OF CUSTODY RECORD

[illegible]

**STAT Analysis Corporation**

2201 West Campbell Park Drive Chicago, Illinois 60612-3501 312.733.0551 Fax: 312.733.2386  
e-mail address: [SAinfo@STATAnalysis.com](mailto:SAinfo@STATAnalysis.com) AIHA accredited 10248, NVLAP accredited 101202-0.

**RECEIVED**  
3-15-00

March 14, 2000

Jim Tate  
Superior Property Services Group  
315 N. Main Street  
Sycamore, Illinois 60178-1432  
Phone: (815) 895-1018  
Fax: (815) 895-2279

Dear Mr. Tate:


Enclosed are the analytical results for project number 1328.00, Mr. Snappy, received by Stat Analysis Corporation on March 9, 2000. The samples were analyzed as per the chain of custody.

All analyses were performed in accordance with methods from the USEPA publication Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3<sup>rd</sup> Edition, December, 1996. Specific method references are listed on the Analytical Report. Results are expressed on a dry weight basis as per method protocols.

All analysis were performed within the established holding times, and all quality control criteria, as outlined in the methods have been met. QA/QC documentation and raw data will remain on file for future reference.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions about the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla  
Project Manager

Post-It® Fax Note 7671		Date 3/14	# of pages 12
To	SIM	From	CRAG
Co./Dept.		Co.	
Phone #		Phone #	
Fax #			

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAQ

&amp;

**Analytical Report**

Client: Superior Property Services Group  
 Project ID: 1328.00, Mr. Snappy  
 Sample Number: SB#8, 6'-8'  
 STAT Sample No.: 905903

Date Received: 3/9/00  
 Date Taken: 3/6/00  
 Date Reported: 3/14/00

Analyte	Result	Units
Solids, Total	81.01	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 3/14/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	27.8	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	14,000	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATInfo@STATAnalysis.com

NVLAP

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy  
Sample Number: SB#8, 6'-8'  
STAT Sample No.: 905903

Date Received: 3/9/00  
Date Taken: 3/6/00  
Date Reported: 3/14/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	37.0	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAP

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy  
Sample Number: SB#8, 14'-16'  
STAT Sample No.: 905904

Date Received: 3/9/00  
Date Taken: 3/6/00  
Date Reported: 3/14/00

Analyte	Result	Units
Solids, Total	87.56	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 3/14/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	< 5.00	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	< 5.00	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAQ

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy  
Sample Number: SB#8, 14'-16'  
STAT Sample No.: 905904

Date Received: 3/9/00  
Date Taken: 3/6/00  
Date Reported: 3/14/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAQ

&amp;

**Analytical Report**

Client: Superior Property Services Group  
 Project ID: 1328.00, Mr. Snappy  
 Sample Number: SB#9, 6'-8'  
 STAT Sample No.: 905906

Date Received: 3/9/00  
 Date Taken: 3/6/00  
 Date Reported: 3/14/00

Analyte	Result	Units
Solids, Total	79.99	%
<b>Volatile Organic Compounds Method 5035/8260B</b>		
Analysis Date:	3/14/00	
Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	1,190	µg/Kg
trans-1,2-Dichloroethene	50.8	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	< 5.00	µg/Kg
Toluene	< 5.00	µg/Kg



**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAP

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy  
Sample Number: SB#9, 6'-8'  
STAT Sample No.: 905906

Date Received: 3/9/00  
Date Taken: 3/6/00  
Date Reported: 3/14/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	126	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0552; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAP &amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy  
Sample Number: SB#9, 8'-10'  
STAT Sample No.: 905905

Date Received: 3/9/00  
Date Taken: 3/6/00  
Date Reported: 3/14/00

Analyte	Result	Units
Solids, Total	83.59	%
<b>Volatile Organic Compounds Method 5035/8260B</b>		
Analysis Date:	3/14/00	
Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	< 5.00	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	10.5	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAP

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy  
Sample Number: SB#9, 8'-10'  
STAT Sample No.: 905905

Date Received: 3/9/00  
Date Taken: 3/6/00  
Date Reported: 3/14/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATInfo@STATAnalysis.com

NVLAP &amp;

**Analytical Report**

Client: Superior Property Services Group  
 Project ID: 1328.00, Mr. Snappy  
 Sample Number: SB#10, 8'-10'  
 STAT Sample No.: 905907

Date Received: 3/9/00  
 Date Taken: 3/6/00  
 Date Reported: 3/14/00

Analyte	Result	Units
Solids, Total	84.84	%

**Volatile Organic Compounds Method 5035/8260B**

Analysis Date: 3/14/00

Acetone	< 25.0	µg/Kg
Benzene	< 5.00	µg/Kg
Bromodichloromethane	< 5.00	µg/Kg
Bromoform	< 5.00	µg/Kg
Bromomethane	< 10.0	µg/Kg
2-Butanone	< 10.0	µg/Kg
Carbon disulfide	< 5.00	µg/Kg
Carbon tetrachloride	< 5.00	µg/Kg
Chlorobenzene	< 5.00	µg/Kg
Chlorodibromomethane	< 5.00	µg/Kg
Chloroethane	< 10.0	µg/Kg
Chloroform	< 5.00	µg/Kg
Chloromethane	< 10.0	µg/Kg
1,1-Dichloroethane	< 5.00	µg/Kg
1,2-Dichloroethane	< 5.00	µg/Kg
1,1-Dichloroethene	< 5.00	µg/Kg
cis-1,2-Dichloroethene	< 5.00	µg/Kg
trans-1,2-Dichloroethene	< 5.00	µg/Kg
1,2-Dichloropropane	< 5.00	µg/Kg
cis-1,3-Dichloropropene	< 5.00	µg/Kg
trans-1,3-Dichloropropene	< 5.00	µg/Kg
Ethyl benzene	< 5.00	µg/Kg
2-Hexanone	< 10.0	µg/Kg
4-Methyl-2-pentanone	< 10.0	µg/Kg
Methylene chloride	< 5.00	µg/Kg
Styrene	< 5.00	µg/Kg
1,1,2,2-Tetrachloroethane	< 5.00	µg/Kg
Tetrachloroethene	6.51	µg/Kg
Toluene	< 5.00	µg/Kg

**STAT Analysis Corporation:**

2201 West Campbell Park Drive, Chicago, Illinois 60612-3501

Tel: 312.733.0551; Fax: 312.733.2386; e-mail address: STATinfo@STATAnalysis.com

NVLAQ

&amp;

**Analytical Report**

Client: Superior Property Services Group  
Project ID: 1328.00, Mr. Snappy  
Sample Number: SB#10, 8'-10'  
STAT Sample No.: 905907

Date Received: 3/9/00  
Date Taken: 3/6/00  
Date Reported: 3/14/00

Analyte	Result	Units
1,1,1-Trichloroethane	< 5.00	µg/Kg
1,1,2-Trichloroethane	< 5.00	µg/Kg
Trichloroethene	< 5.00	µg/Kg
Vinyl Acetate	< 10.0	µg/Kg
Vinyl Chloride	< 10.0	µg/Kg
Xylenes (total)	< 5.00	µg/Kg



**NVLAP**  
Nº 700405

**Analysis Corporation**  
2201 West Campbell Park Drive Chicago, Illinois 60612-3501 312.733.0551 Fax: 312.733.2386  
e-mail address: StatLabs@AOL.Com. AHA accredited 10248, NVLAP accredited 101202-0

### CHAIN OF CUSTODY RECORD

PROJECT NAME: <u>My Soap</u>		CLIENT NAME: <u>Stat Analysis Corp.</u>		NO. OF CON-TAINERS	TYPE OF ANALYSES	Turnaround Time (days)	Time Results Needed:	LAB. NO.	Remarks
PROJECT NO: <u>1328.00</u>	CLIENT NO:	DATE	TIME						
SAMPLES: <u>Sim</u>	SAMPLE DESCRIPTION								
Client Sample No.:									
<u>905903</u>	<u>10-8'</u>	<u>3-10</u>						<u>905903</u>	
<u>905904</u>	<u>11-16'</u>	<u>3-10</u>						<u>905904</u>	
<u>905905</u>	<u>2-10'</u>	<u>3-10</u>						<u>905905</u>	
<u>905906</u>	<u>10-8'</u>							<u>905906</u>	
<u>905907</u>	<u>2-10'</u>	<u>3-10</u>						<u>905907</u>	

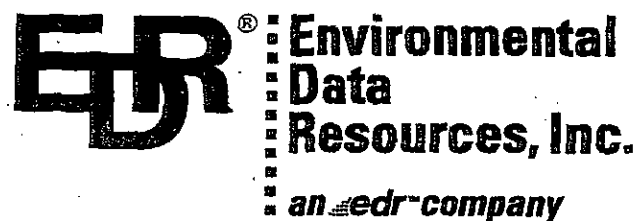
  

Relinquished by: (Signature) <u>[Signature]</u>		Date/Time: <u>3-10-00</u>
Received by: (Signature) <u>[Signature]</u>		Date/Time: <u>3-10-00</u>
Relinquished by: (Signature) <u>[Signature]</u>		Date/Time: <u>3-10-00</u>

Fax:	Attention:	Phone:	Reported by:	Date/Time:

*APPENDIX D*



## **The EDR-Radius Map with GeoCheck®**

**Mr. Snappy Cleaners  
1925 West Roosevelt Road  
Broadview, IL 60153**

**Inquiry Number: 446559.1s**

**December 23, 1999**

## ***The Source For Environmental Risk Management Data***

**3530 Post Road  
Southport, Connecticut 06490**

**Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**



## TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary.....	ES1
Topographic Map.....	2
GeoCheck Summary.....	3
Overview Map.....	5
Detail Map.....	6
Map Summary - All Sites.....	7
Map Summary - Sites with higher or the same elevation as the Target Property.....	8
Map Findings.....	9
Orphan Summary.....	29
 <u>APPENDICES</u>	
GeoCheck Version 2.1.....	A1
EPA Waste Codes.....	A10
Government Records Searched / Data Currency Tracking Addendum.....	A12

*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

### Disclaimer and Other Information

This Report contains information obtained from a variety of public and other sources and Environmental Data Resources, Inc. (EDR) makes no representation or warranty regarding the accuracy, reliability, quality, suitability, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.

NO WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, EXPRESSED OR IMPLIED, SHALL APPLY AND EDR SPECIFICALLY DISCLAIMS THE MAKING OF SUCH WARRANTIES. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES. COPYRIGHT (C) 1998 BY ENVIRONMENTAL DATA RESOURCES, INC. ALL RIGHTS RESERVED.

Unless otherwise indicated, all trademarks used herein are the property of Environmental Data Resources, Inc. or its affiliates.

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

The address of the subject property for which the search was intended is:

1925 WEST ROOSEVELT ROAD  
BROADVIEW, IL 60153

No mapped sites were found in EDR's search of available ( "reasonably ascertainable " ) government records either on the subject property or within the ASTM E 1527-97 search radius around the subject property for the following Databases:

NPL:	National Priority List
Delisted NPL:	NPL Deletions
RCRIS-TSD:	Resource Conservation and Recovery Information System
SHWS:	State Haz. Waste
CERCLIS:	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP:	Comprehensive Environmental Response, Compensation, and Liability Information System
SWF/LF:	Available Disposal for Solid Waste in Illinois- Solid Waste Landfills Subject to State Surcharge
RAATS:	RCRA Administrative Action Tracking System
HMIRS:	Hazardous Materials Information Reporting System
PADS:	PCB Activity Database System
ERNS:	Emergency Response Notification System
TRIS:	Toxic Chemical Release Inventory System
NPL Lien:	NPL Liens
TSCA:	Toxic Substances Control Act
MLTS:	Material Licensing Tracking System
Plan Comm:	Illinois Planning Comm.
CAT:	Category List
ROD:	ROD
CONSENT:	Superfund (CERCLA) Consent Decrees
Coal Gas:	Former Manufactured gas (Coal Gas) Sites.
MINES:	Mines Master Index File

Unmapped (orphan) sites are not considered in the foregoing analysis.

### Search Results:

Search results for the subject property and the search radius, are listed below:

### Subject Property:

The subject property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
MR SNAPPY CLEANERS 1925 ROOSEVELT RD BROADVIEW, IL 60153	RCRIS-SQG FINDS	ILD060351970

## EXECUTIVE SUMMARY

### Surrounding Properties:

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the subject property includes a tolerance of -10 feet. Sites with an elevation equal to or higher than the subject property have been differentiated below from sites with an elevation lower than the subject property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

**CORRACTS:** CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/01/1999 has revealed that there are 4 CORRACTS sites within approximately 1 mile of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>KALMUS AND ASSOCIATES</i></b>	<b><i>2424 SOUTH 25TH STREET</i></b>	<b><i>1/4 - 1/2 SW</i></b>	<b><i>23</i></b>	<b><i>22</i></b>
<b><i>FLINT INK CORPORATION</i></b>	<b><i>2601 GARDNER ROAD</i></b>	<b><i>1/2 - 1 SW</i></b>	<b><i>26</i></b>	<b><i>23</i></b>
<b><i>AMERICAN NATIONAL CAN COMPANY</i></b>	<b><i>2400 MAYWOOD DRIVE</i></b>	<b><i>1/2 - 1 NNW</i></b>	<b><i>27</i></b>	<b><i>24</i></b>
<b><i>AMERICAN WASTE PROCESSING LTD</i></b>	<b><i>2010 W MADISON ST</i></b>	<b><i>1/2 - 1 N</i></b>	<b><i>28</i></b>	<b><i>25</i></b>

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Illinois Environmental Protection Agency's LUST Incident Report.

A review of the LUST list, as provided by EDR, and dated 09/01/1999 has revealed that there are 14 LUST sites within approximately 0.5 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMOCO OIL CO. #5451	1900 W ROOSEVELT RD	0 - 1/8 SE	A3	11
BROADVIEW U-HAUL	2001 W ROOSEVELT RD	0 - 1/8 WSW	B5	12
AMALGAMATED BANK OF CHICAGO/TR	1624 W ROOSEVELT RD	1/8 - 1/4 E	C11	17
BROADVIEW GAS	2319 W ROOSEVELT RD	1/8 - 1/4 W	D14	20
BROADVIEW GAS CO.	2319 W ROOSEVELT RD	1/8 - 1/4 W	D15	20
COOK COUNTY FOREST PRESERVE	2405 17TH AVE.	1/4 - 1/2 SSE	E16	20
COOK CO. FOREST PRESERVE DIST.	2405 SOUTH 17TH AVE.	1/4 - 1/2 SSE	E17	21
SHELL OIL CO. (BROADVIEW)	25TH / ROOSEVELT RD.	1/4 - 1/2 W	18	21
CHURCH BUILDING CONSULTANTS	2100 S 25TH AVE	1/4 - 1/2 WNW	19	21
KELLY MAC PARTNERS	2300 S 25TH AVE	1/4 - 1/2 WSW	20	21
BROADVIEW FIRE DEPT.	2400 S 25TH AVE	1/4 - 1/2 SW	21	21
PITSTOP ENTERPRISES	1811 S 17TH AVE	1/4 - 1/2 NNE	22	21
SAHLAS, PETER	1846 S 15TH AVE	1/4 - 1/2 NNE	24	22
LEHEIGH PRESS & CADILLAC	25TH / LEXINGTON	1/4 - 1/2 NW	25	23

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Illinois State Fire Marshal's STC Facility List.

A review of the UST list, as provided by EDR, and dated 10/04/1999 has revealed that there are 5 UST sites within approximately 0.25 miles of the subject property.

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
AMOCO #5451	19TH AND ROOSEVELT	0 - 1/8 SE	A2	9
U HAUL 75758	2001 W ROOSEVELT RD	0 - 1/8 WSW	B4	11
ICI PAINTS	2224 W ROOSEVELT RD	1/8 - 1/4 W	8	13
FIRST GAS, INC.	1624 W ROOSEVELT RD	1/8 - 1/4 E	C9	14
BROADVIEW GAS N GO	2319 W ROOSEVELT RD	1/8 - 1/4 W	D13	17

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/01/1999 has revealed that there are 3 RCRIS-SQG sites within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
UHAUL	2001 W ROOSEVELT RD	0 - 1/8 WSW	B6	12
VICTORIA BUS MACH	2133 S 17TH AVE	1/8 - 1/4 ENE	7	13
LAMIN ALL LABELS INC	2301 W ROOSEVELT RD	1/8 - 1/4 W	D12	17

**RCRIS:** The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-LQG list, as provided by EDR, and dated 09/01/1999 has revealed that there is 1 RCRIS-LQG site within approximately 0.25 miles of the subject property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
FIRST GAS	1624 W ROOSEVELT RD	1/8 - 1/4 E	C10	16

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name

SEXTON-HINSDALE LANDFILL  
ADDISON STREET TRAILER  
HEADLY MFG  
LASALLE CLEANERS & DYERS INC

Database(s)

SHWS  
CERCLIS  
RCRIS-SQG, FINDS  
FINDS

## GEOCHECK VERSION 2.1 SUMMARY

### TARGET PROPERTY COORDINATES

Latitude (North): 41.864208 - 41° 51' 51.1"  
Longitude (West): 87.855888 - 87° 51' 21.2"  
Universal Transverse Mercator: Zone 16  
UTM X (Meters): 428964.5  
UTM Y (Meters): 4634840.5

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2441087-G7-BERWYN, IL

### GEOLOGIC AGE IDENTIFICATION†

Geologic Code: S2  
Era: Paleozoic  
System: Silurian  
Series: Middle Silurian (Niagaran)

### ROCK STRATIGRAPHIC UNIT†

Category: Stratified Sequence

### GROUNDWATER FLOW INFORMATION

*Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, including well data collected on nearby properties, regional groundwater flow information (from deep aquifers), or surface topography.‡*

AQUIFLOW™ Search Radius: 2,000 Miles. The following table shows sites where groundwater flow and depth information was reported. Additional AQUIFLOW™ site information may be available in the GeoCheck® section at the end of this report.

MAP ID	DISTANCE FROM TP	DIRECTION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1g	1 - 2 Miles	NNE	NE
8g	1 - 2 Miles	WNW	Not Reported
12g	0 - 1/8 Mile	SE	SE
14g	1/4 - 1/2 Mile	West	Not Reported
15g	1 - 2 Miles	West	N
19g	1 - 2 Miles	SW	Not Reported
20g	1/2 - 1 Mile	South	SE
21g	1 - 2 Miles	SSW	Not Reported
22g	1 - 2 Miles	SSW	NNW
23g	1 - 2 Miles	SSE	SW

For additional site information, refer to GeoCheck Appendix.

General Topographic Gradient at Target Property: General SSE

General Hydrogeologic Gradient at Target Property: No hydrogeologic data available.

† Source: P.G. Schruben, R.E. Amdt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Selman Map, USGS Digital Data Series DDS-11 (1994).  
‡ U.S. EPA Ground Water Handbook, Vol I: Ground Water and Contamination, Office of Research and development EPA/625/6-90/015a, Chapter 4, page 78, September 1990.

™ EDR AQUIFLOW™ information System of hydrogeologically determined groundwater flow directions at specific locations. See the data pages at the end of this report for a complete description.

# GEOCHECK VERSION 2.1 SUMMARY

## Site-Specific Hydrogeological Data:

Search Radius: 2.0 miles  
Status: Not found

## FEDERAL DATABASE WELL INFORMATION

WELL QUADRANT	DISTANCE FROM TP	LITHOLOGY	DEPTH TO WATER TABLE
Northern	1/2 - 1 Mile	Not Reported	580 ft.
Eastern	>2 Miles	Not Reported	93 ft.
Southern	>2 Miles	Not Reported	Not Reported
Western	>2 Miles	Drift	Not Reported

## STATE DATABASE WELL INFORMATION

WELL QUADRANT	DISTANCE FROM TP	DEPTH (FEET)	SOURCE
Northern	1/2 - 1 Mile	15	IL Private Water Wells Survey
Eastern	1/2 - 1 Mile	1800	IL Private Water Wells Survey
Southern	1/2 - 1 Mile	Not Reported	IL Geological Survey
Western	1/2 - 1 Mile	178	IL Private Water Wells Survey

## PUBLIC WATER SUPPLY SYSTEM INFORMATION

Searched by Nearest PWS.

**NOTE:** PWS System location is not always the same as well location.

PWS Name: COLONIAL M H P INC  
2121 ROOSEVELT RD  
BROADVIEW, IL 60153

Location Relative to TP: 1/8 - 1/4 Mile East

PWS currently has or has had major violation(s) or enforcement: No

## AREA RADON INFORMATION

EPA Radon Zone for COOK County: 2

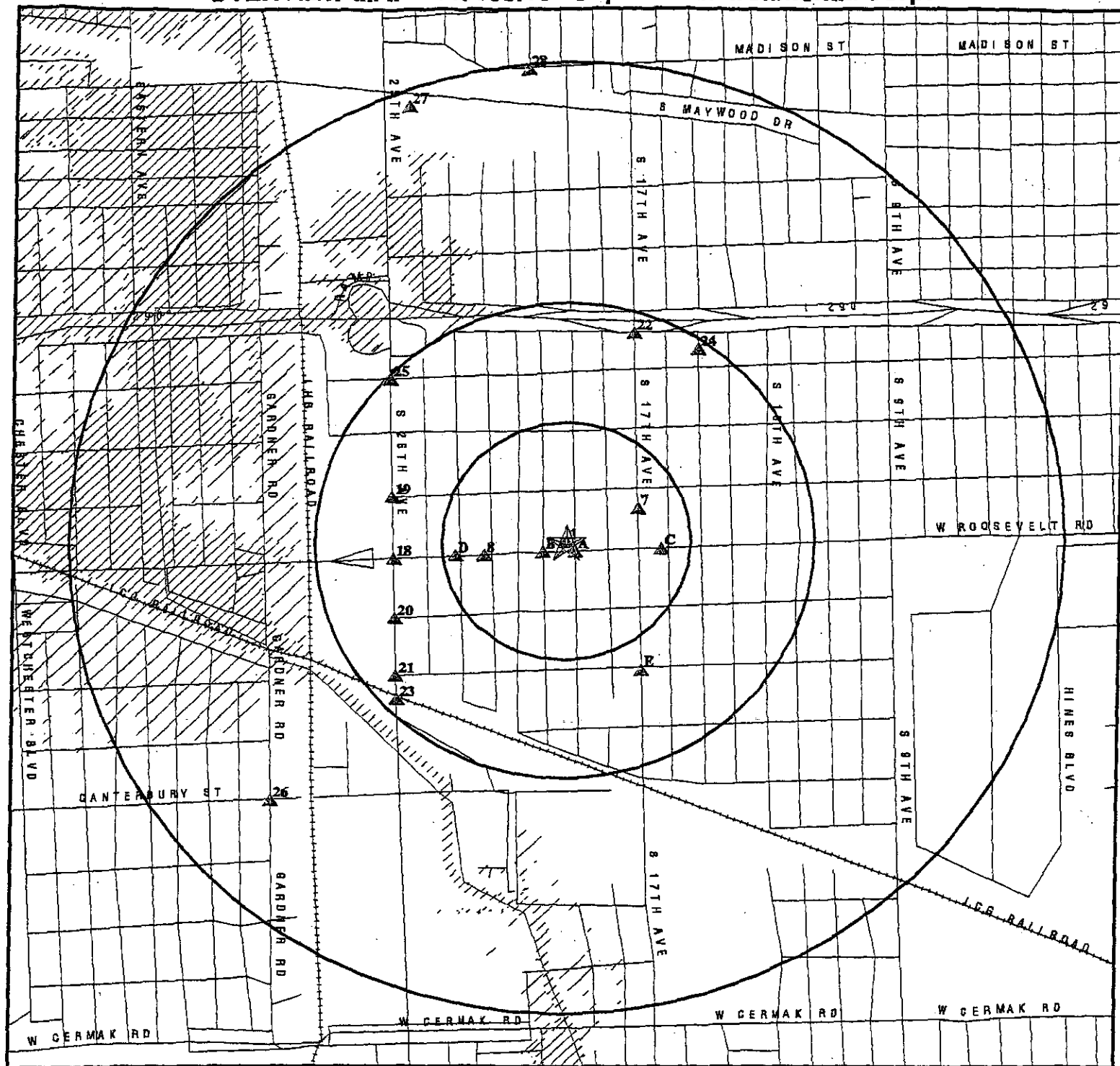
Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 60153

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	6.300 pCi/L	0%	100%	0%

# OVERVIEW MAP - 446559.1s - Superior Environmental Corp.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▨ Landfill Sites

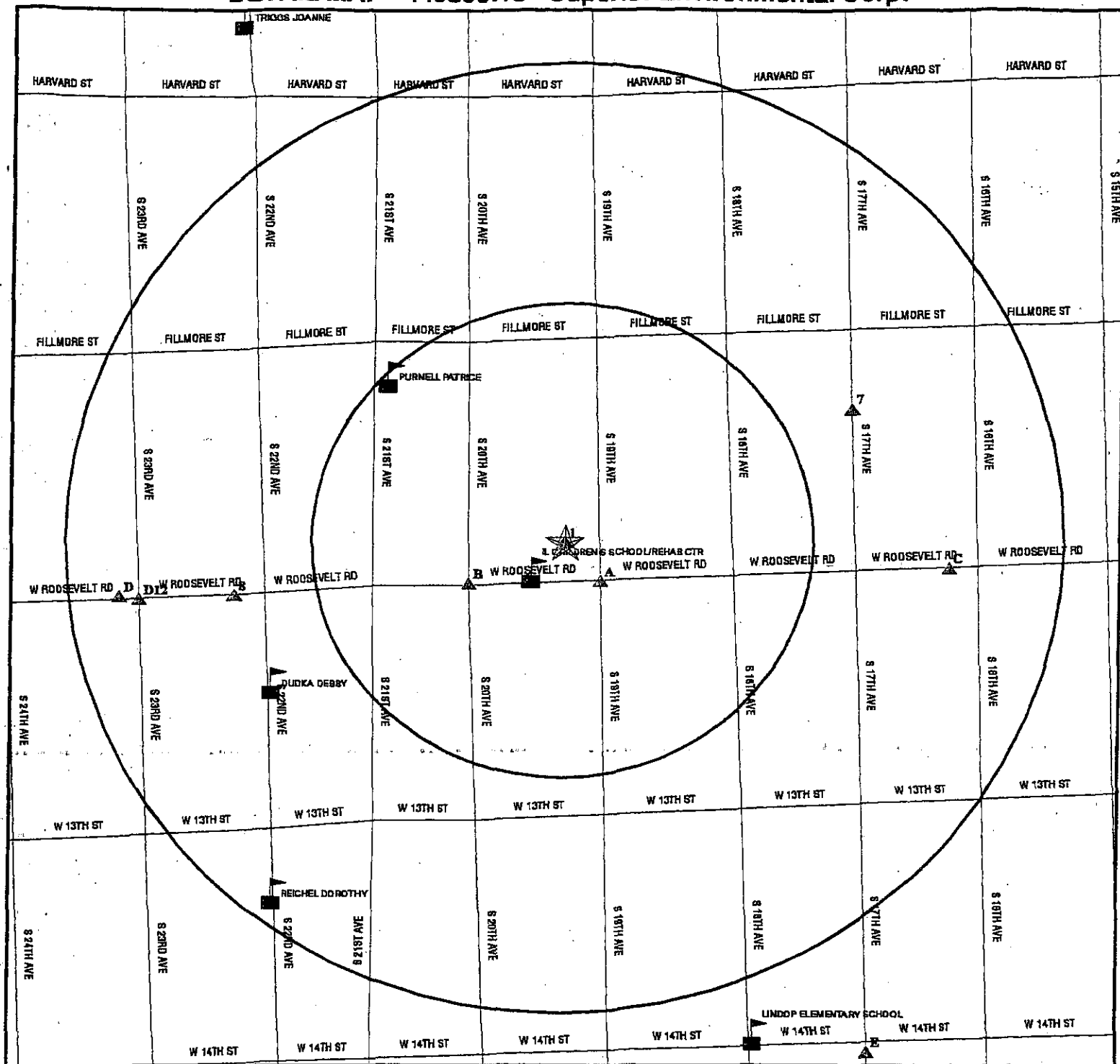
- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone



<b>TARGET PROPERTY:</b> <b>ADDRESS:</b> <b>CITY/STATE/ZIP:</b> <b>LAT/LONG:</b>	<b>Mr. Snappy Cleaners</b> <b>1925 West Roosevelt Road</b> <b>Broadview IL 60153</b> <b>41.8642 / 87.8559</b>	<b>CUSTOMER:</b> <b>CONTACT:</b> <b>INQUIRY #:</b> <b>DATE:</b>	<b>Superior Environmental Corp.</b> <b>Mr. Jim Tate</b> <b>446559.1s</b> <b>December 23, 1999 11:55 am</b>
--	--	--	---



# DETAIL MAP - 446559.1s - Superior Environmental Corp.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ⬢ Sensitive Receptors
- ⬢ National Priority List Sites
- ⬢ Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone

**TARGET PROPERTY:** Mr. Snappy Cleaners  
**ADDRESS:** 1925 West Roosevelt Road  
**CITY/STATE/ZIP:** Broadview IL 60153  
**LAT/LONG:** 41.8642 / 87.8559

**CUSTOMER:** Superior Environmental Corp.  
**CONTACT:** Mr. Jim Tate  
**INQUIRY #:** 446559.1s  
**DATE:** December 23, 1999 11:55 am

# MAP FINDINGS SUMMARY SHOWING ALL SITES

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	1	3	NR	4
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	2	3	9	NR	NR	14
UST		0.250	2	3	NR	NR	NR	5
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	1	2	NR	NR	NR	3
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
Illinois Planning Comm.		0.500	0	0	0	NR	NR	0
CAT		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

**MAP FINDINGS SUMMARY SHOWING  
ONLY SITES HIGHER THAN OR THE SAME ELEVATION AS TP**

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1.	> 1	Total Plotted
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
State Haz. Waste		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	1	3	NR	4
State Landfill		0.500	0	0	0	NR	NR	0
LUST		0.500	2	3	9	NR	NR	14
UST		0.250	2	3	NR	NR	NR	5
RAATS		TP	NR	NR	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	1	2	NR	NR	NR	3
RCRIS Lg. Quan. Gen.		0.250	0	1	NR	NR	NR	1
HMIRS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
ERNS		TP	NR	NR	NR	NR	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
Illinois Planning Comm.		0.500	0	0	0	NR	NR	0
CAT		TP	NR	NR	NR	NR	NR	0
ROD		1.000	0	0	0	0	NR	0
CONSENT		1.000	0	0	0	0	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
MINES		0.250	0	0	NR	NR	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

\* Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1  
Target  
Property

MR SNAPPY CLEANERS  
1925 ROOSEVELT RD  
BROADVIEW, IL 60153

RCRIS-SQG    1000383467  
FINDS        ILD060351970

RCRIS:

Owner:        MAENZA CONNIE  
              (312) 555-1212  
  
Contact:      CONNIE MAENZA  
              (312) 345-6584  
  
Record Date:   02/20/1986  
  
Classification: Small Quantity Generator  
  
Used Oil Recyc: No  
  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)

A2  
SE  
< 1/8  
139  
Higher

AMOCO #5451  
19TH AND ROOSEVELT  
BROADVIEW, IL 60153

UST            U002222397  
              N/A

UST:

Facility ID:    2023055  
Status:        Closed  
Owner Name:    Amoco Oil Company  
Owner Address: 28100 Torch Parkway  
Owner Address 2: 3rd Floor - South  
                  Warrenville, IL 60555  
  
Contact:        Daul Charles M  
Phone #:        (312) 827-9681  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag:     N  
Admin Order:   N  
Fee Owed:      N  
Sequence:      0  
Tank Number:   1  
Tank Capacity: 500  
Tank Substance: Used Oil  
Tank Age:       96  
Tank Red Tag:   N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

AMOCO #5451 (Continued)

U002222397

Facility ID: 2023055  
Status: Closed  
Owner Name: Amoco Oil Company  
Owner Address: 28100 Torch Parkway  
Owner Address 2: 3rd Floor - South  
Warrenville, IL 60555  
Contact: Daul Charles M  
Phone #: (312) 827-9681  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: N  
Sequence: 0  
Tank Number: 2  
Tank Capacity: 6000  
Tank Substance: Gasoline  
Tank Age: 96  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Facility ID: 2023055  
Status: Closed  
Owner Name: Amoco Oil Company  
Owner Address: 28100 Torch Parkway  
Owner Address 2: 3rd Floor - South  
Warrenville, IL 60555  
Contact: Daul Charles M  
Phone #: (312) 827-9681  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: N  
Sequence: 0  
Tank Number: 3  
Tank Capacity: 6000  
Tank Substance: Gasoline  
Tank Age: 96  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

AMOCO #5451 (Continued)

U002222397

Facility ID: 2023055  
Status: Closed  
Owner Name: Amoco Oil Company  
Owner Address: 28100 Torch Parkway  
Owner Address 2: 3rd Floor - South  
Warrenville, IL 60555  
Contact: Daul Charles M  
Phone #: (312) 827-9681  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: N  
Sequence: 0  
Tank Number: 4  
Tank Capacity: 8000  
Tank Substance: Gasoline  
Tank Age: 96  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

A3  
SE  
< 1/8  
145  
Higher

AMOCO OIL CO. #5451  
1900 W ROOSEVELT RD  
BROADVIEW, IL

LUST

S103687266  
N/A

LUST:  
IL EPA ID: 0310300013  
Incident Number: 881745

B4  
WSW  
< 1/8  
273  
Higher

U HAUL 75758  
2001 W ROOSEVELT RD  
BROADVIEW, IL 60153

UST

U000856040  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

U HAUL 75758 (Continued)

U000856040

UST:

Facility ID: 2013316  
Status: Closed  
Owner Name: U Haul International  
Owner Address: 1861 Rt 41  
Owner Address 2:  
Schererville, IN 46375  
Contact: Sharp Robert  
Phone #: (219) 322-1636  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: N  
Sequence: 0  
Tank Number: 1  
Tank Capacity: 10000  
Tank Substance: Gasoline  
Tank Age: 24  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

B5  
WSW  
< 1/8  
276  
Higher

BROADVIEW U-HAUL  
2001 W ROOSEVELT RD  
BROADVIEW, IL

LUST S103231761  
N/A

LUST:

IL EPA ID: 0310305072  
Incident Number: 922213

B6  
WSW  
< 1/8  
276  
Higher

UHAUL  
2001 W ROOSEVELT RD  
BROADWAY, IL 60153

RCRIS-SQG 1000824204  
FINDS ILD984905760

RCRIS:

Owner: AMERCO REAL ESTATE  
(602) 263-6555  
Contact: STEVE LYTLER  
(219) 322-2043  
Record Date: 10/14/1992  
Classification: Small Quantity Generator

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

UHAUL (Continued)

1000824204

Used Oil Recyc: No

Violation Status: No violations found

7  
ENE  
1/8-1/4  
845  
Higher

VICTORIA BUS MACH  
2133 S 17TH AVE  
BROADVIEW, IL 60153

RCRIS-SQG 1000824670  
FINDS ILD984910489

RCRIS:

Owner: VICTORIA BUS MACH  
(708) 681-4500

Contact: ROBERT KOHL  
(708) 279-6700

Record Date: 01/19/1993

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

8  
West  
1/8-1/4  
878  
Higher

ICI PAINTS  
2224 W ROOSEVELT RD  
BROADVIEW, IL 60153

UST U003668844  
N/A

UST:

Facility ID: 2039145  
Status: Active  
Owner Name: ICI Paints  
Owner Address: 925 Euclid Ave - #900  
Owner Address 2: Huntington Bldg.  
Cleveland, OH 44115

Contact: Robert Kovalak  
Phone #: (216) 344-8282

Permit Number: 02928-1999REM  
Permit Expires: 3/14/00 00:00:00

Green Tag: N

Admin Order: N

Fee Owed: Y

Sequence: 0

Tank Number: 1

Tank Capacity: 1000

Tank Substance: Heating Oil

Tank Age: Not reported

Tank Red Tag: N

Tank Test Date: Not reported

Tank Test Type: Not reported

Tank Test Result: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

C9  
East  
1/8-1/4  
1006  
Higher

FIRST GAS, INC.  
1624 W ROOSEVELT RD  
BROADVIEW, IL 60153

UST

U001133462  
N/A

UST:

Facility ID: 2016494  
Status: Closed  
Owner Name: Amalgamated Bank Of Chicago-Trust 5774  
Owner Address: 333 W Wacker Drive, Suite 2750  
Owner Address 2:  
Chicago, IL 60606  
Contact: Beemer Cheryl  
Phone #: (312) 332-4172  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 1  
Tank Capacity: 12000  
Tank Substance: Gasoline  
Tank Age: 14  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Facility ID: 2016494  
Status: Closed  
Owner Name: Amalgamated Bank Of Chicago-Trust 5774  
Owner Address: 333 W Wacker Drive, Suite 2750  
Owner Address 2:  
Chicago, IL 60606  
Contact: Beemer Cheryl  
Phone #: (312) 332-4172  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 2  
Tank Capacity: 12000  
Tank Substance: Gasoline  
Tank Age: 14  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

FIRST GAS, INC. (Continued)

U001133462

Facility ID: 2016494  
Status: Closed  
Owner Name: Amalgamated Bank Of Chicago-Trust 5774  
Owner Address: 333 W Wacker Drive, Suite 2750  
Owner Address 2:  
Chicago, IL 60606  
Contact: Beemer Cheryl  
Phone #: (312) 332-4172  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 3  
Tank Capacity: 12000  
Tank Substance: Gasoline  
Tank Age: 14  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Facility ID: 2016494  
Status: Closed  
Owner Name: Amalgamated Bank Of Chicago-Trust 5774  
Owner Address: 333 W Wacker Drive, Suite 2750  
Owner Address 2:  
Chicago, IL 60606  
Contact: Beemer Cheryl  
Phone #: (312) 332-4172  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 4  
Tank Capacity: 550  
Tank Substance: Used Oil  
Tank Age: Not reported  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

FIRST GAS, INC. (Continued)

U001133462

Facility ID: 2016494  
Status: Closed  
Owner Name: Amalgamated Bank Of Chicago-Trust 5774  
Owner Address: 333 W Wacker Drive, Suite 2750  
Owner Address 2:  
Chicago, IL 60606  
Contact: Beemer Cheryl  
Phone #: (312) 332-4172  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 5  
Tank Capacity: 550  
Tank Substance: Used Oil  
Tank Age: 15  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Facility ID: 2016494  
Status: Closed  
Owner Name: Amalgamated Bank Of Chicago-Trust 5774  
Owner Address: 333 W Wacker Drive, Suite 2750  
Owner Address 2:  
Chicago, IL 60606  
Contact: Beemer Cheryl  
Phone #: (312) 332-4172  
Permit Number: Not reported  
Permit Expires: Not reported  
Green Tag: N  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 6  
Tank Capacity: 1000  
Tank Substance: Heating Oil  
Tank Age: 15  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

C10 FIRST GAS  
East 1624 W ROOSEVELT RD  
1/8-1/4 BROADVIEW, IL 60153  
1019  
Higher

FINDS 1001228058  
RCRIS-LQG ILR000055897

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FIRST GAS (Continued)

EDR ID Number  
EPA ID Number

1001228058

RCRIS:

Owner: AMALGAMATED BANK  
(312) 332-4172

Contact: CHERYL BEEMER  
(312) 332-4172

Record Date: 09/25/1998

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

C11  
East  
1/8-1/4  
1019  
Higher

AMALGAMATED BANK OF CHICAGO/TRUST A  
1624 W ROOSEVELT RD  
BROADVIEW, IL

LUST

S103687265  
N/A

LUST:

IL EPA ID: 0310300007  
Incident Number: 983028

D12  
West  
1/8-1/4  
1132  
Higher

LAMIN ALL LABELS INC  
2301 W ROOSEVELT RD  
BROADVIEW, IL 60153

RCRIS-SQG  
FINDS

1000255082  
ILD044228559

RCRIS:

Owner: LAMIN ALL LABELS INC  
(312) 555-1212

Contact: JOHN AGRES  
(312) 344-7633

Record Date: 11/18/1985

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

D13  
West  
1/8-1/4  
1184  
Higher

BROADVIEW GAS N GO  
2319 W ROOSEVELT RD  
BROADVIEW, IL 60153

UST

U000856024  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BROADVIEW GAS N GO (Continued)

U000856024

UST:

Facility ID: 2018165  
Status: Active  
Owner Name: Pradip Patel  
Owner Address: 2319 W Roosevelt Rd.  
Owner Address 2:

Broadview, IL 60153  
Contact: Pattel Pradip  
Phone #: (312) 343-9080  
Permit Number: 02080-1999UPG  
Permit Expires: 11/28/99 00:00:00  
Green Tag: 20602  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 1  
Tank Capacity: 8000  
Tank Substance: Gasoline  
Tank Age: 19  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Facility ID: 2018165  
Status: Active  
Owner Name: Pradip Patel  
Owner Address: 2319 W Roosevelt Rd.  
Owner Address 2:

Broadview, IL 60153  
Contact: Pattel Pradip  
Phone #: (312) 343-9080  
Permit Number: 02080-1999UPG  
Permit Expires: 11/28/99 00:00:00  
Green Tag: 20602  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 2  
Tank Capacity: 6000  
Tank Substance: Gasoline  
Tank Age: 27  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

BROADVIEW GAS N GO (Continued)

U000856024

Facility ID: 2018165  
Status: Active  
Owner Name: Pradip Patel  
Owner Address: 2319 W Roosevelt Rd.  
Owner Address 2:  
Broadview, IL 60153  
Contact: Pattel Pradip  
Phone #: (312) 343-9080  
Permit Number: 02080-1999UPG  
Permit Expires: 11/28/99 00:00:00  
Green Tag: 20602  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 3  
Tank Capacity: 6000  
Tank Substance: Diesel  
Tank Age: 27  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Facility ID: 2018165  
Status: Active  
Owner Name: Pradip Patel  
Owner Address: 2319 W Roosevelt Rd.  
Owner Address 2:  
Broadview, IL 60153  
Contact: Pattel Pradip  
Phone #: (312) 343-9080  
Permit Number: 02080-1999UPG  
Permit Expires: 11/28/99 00:00:00  
Green Tag: 20602  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 4  
Tank Capacity: 6000  
Tank Substance: Gasoline  
Tank Age: 27  
Tank Red Tag: N  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

BROADVIEW GAS N GO (Continued)

U000856024

Facility ID: 2018165  
Status: Active  
Owner Name: Pradip Patel  
Owner Address: 2319 W Roosevelt Rd.  
Owner Address 2: Broadview, IL 60153  
Contact: Pattel Pradip  
Phone #: (312) 343-9080  
Permit Number: 02080-1999UPG  
Permit Expires: 11/28/99 00:00:00  
Green Tag: 20602  
Admin Order: N  
Fee Owed: Y  
Sequence: 0  
Tank Number: 5  
Tank Capacity: 1000  
Tank Substance: Used Oil  
Tank Age: 11  
Tank Red Tag: Y  
Tank Test Date: Not reported  
Tank Test Type: Not reported  
Tank Test Result: Not reported

D14  
West  
1/8-1/4  
1195  
Higher

BROADVIEW GAS  
2319 W ROOSEVELT RD  
BROADVIEW, IL

LUST

S100527374  
N/A

LUST:

IL EPA ID: 0310300012  
Incident Number: 892496

D15  
West  
1/8-1/4  
1195  
Higher

BROADVIEW GAS CO.  
2319 W ROOSEVELT RD  
BROADVIEW, IL

LUST

S104002090  
N/A

LUST:

IL EPA ID: 0310300012  
Incident Number: 991737

E16  
SSE  
1/4-1/2  
1641  
Higher

COOK COUNTY FOREST PRESERVE  
2405 17TH AVE.  
NORTH RIVERSIDE, IL

LUST

S103689736  
N/A

LUST:

IL EPA ID: 0312165028  
Incident Number: 942342

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

E17  
SSE  
1/4-1/2  
1641  
Higher

COOK CO. FOREST PRESERVE DIST.  
2405 SOUTH 17TH AVE.  
NORTH RIVERSIDE, IL

LUST

S104002702  
N/A

LUST:

IL EPA ID: 0312165028  
Incident Number: 990474

18  
West  
1/4-1/2  
1831  
Higher

SHELL OIL CO. (BROADVIEW)  
25TH / ROOSEVELT RD.  
BROADVIEW, IL

LUST

S104002092  
N/A

LUST:

IL EPA ID: 0310300011  
Incident Number: 860226

19  
WNW  
1/4-1/2  
1907  
Higher

CHURCH BUILDING CONSULTANTS  
2100 S 25TH AVE  
BROADVIEW, IL

LUST

S103231762  
N/A

LUST:

IL EPA ID: 0310305127  
Incident Number: 971904

20  
WSW  
1/4-1/2  
1992  
Higher

KELLY MAC PARTNERS  
2300 S 25TH AVE  
BROADVIEW, IL

LUST

S102943570  
N/A

LUST:

IL EPA ID: 0310305064  
Incident Number: 972484

21  
SW  
1/4-1/2  
2325  
Higher

BROADVIEW FIRE DEPT.  
2400 S 25TH AVE  
BROADVIEW, IL

LUST

S102943563  
N/A

LUST:

IL EPA ID: 0310305113  
Incident Number: 960573

22  
NNE  
1/4-1/2  
2419  
Higher

PITSTOP ENTERPRISES  
1811 S 17TH AVE  
BROADVIEW, IL

LUST

S102943572  
N/A



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number  
EPA ID Number

PITSTOP ENTERPRISES (Continued)

S102943572

LUST:

IL EPA ID: 0310305080

Incident Number: 960636

23  
SW  
1/4-1/2  
2493  
Higher

KALMUS AND ASSOCIATES  
2424 SOUTH 25TH STREET  
BROADVIEW, IL 60153

FINDS 1000303670  
RCRIS-LQG ILD005066923  
CORRACTS  
CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Unknown

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Completed: 19910502

Assessment: PRELIMINARY ASSESSMENT

Completed: 19920117

CORRACTS Data:

Prioritization: Low

Status: RCRA Facility Assessment Completed

RCRIS:

Owner: KALMUS HENRY  
(312) 343-7004

Contact: HENRY KALMUS  
(312) 343-7004

Record Date: 08/18/1980

Classification: - Large Quantity Generator, Hazardous Waste Transporter

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	5467.41	D002	1752428.08
D003	467.52	D007	182161.19
D008	223203.59	F009	467.52

Used Oil Recyc: No.

Violation Status: Violation information exist

There are 1 violation record(s) reported at this site:

Evaluation

Compliance Evaluation Inspection (CEI)

Area of Violation

Generator-All Requirements

Date of  
Compliance  
10/06/1987

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)

24  
NNE  
1/4-1/2  
2545  
Higher

SAHLAS, PETER  
1846 S 15TH AVE  
BROADVIEW, IL

LUST

S102620132  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SAHLAS, PETER (Continued)

S102620132

LUST:

IL EPA ID: 0310305115  
Incident Number: 960166

25  
NW  
1/4-1/2  
2605  
Higher

LEHEIGH PRESS & CADILLAC  
25TH / LEXINGTON  
BROADVIEW, IL

LUST

S103292206  
N/A

LUST:

IL EPA ID: 0310305022  
Incident Number: 890127

26  
SW  
1/2-1  
4218  
Higher

FLINT INK CORPORATION  
2601 GARDNER ROAD  
BROADVIEW, IL 60153

FINDS 1000321556  
RCRIS-LQG ILD006537245  
TRIS  
CORRACTS  
CERC-NFRAP  
LUST

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported  
Ownership Status: Unknown

Federal Facility: Not a Federal Facility  
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY  
Assessment: PRELIMINARY ASSESSMENT

Completed: 19931215  
Completed: 19940405

CORRACTS Data:

Prioritization: Low  
Status: Stabilization Measures Evaluation

RCRIS:

Owner: FLINT INK NORTH AMERICA CORP  
(734) 862-6000

Contact: ROBERT FAREJ  
(312) 865-8300

Record Date: 01/15/1999

Classification: Large Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)
D001	96783.09
F005	96783.09

Waste	Quantity (Lbs)
F003	96783.09
U220	456.52

Used Oil Recyc: No

Violation Status: No violations found

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

FLINT INK CORPORATION (Continued)

1000321556

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)

Permit Compliance System (PCS)

LUST:

IL EPA ID: 0311830003

Incident Number: 892323

27  
NNW  
1/2-1  
5102  
Higher

AMERICAN NATIONAL CAN COMPANY  
2400 MAYWOOD DRIVE  
BELLWOOD, IL 60104

FINDS 1000359795  
RCRIS-LQG ILD005142351  
CORRACTS  
CERC-NFRAP

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Unknown

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Assessment: PRELIMINARY ASSESSMENT

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

Completed: 19920110

Completed: 19920825

CORRACTS Data:

Prioritization: Low

Status: RCRA Facility Assessment Completed

RCRIS:

Owner: AMERICAN CAN CO  
(203) 552-2181

Contact: DONOLD BLOMQUIST  
(312) 544-4414

Record Date: 08/04/1980

Classification: Large Quantity Generator, TSDF

Used Oil Recyc: No

TSDF Activities: Not reported

Violation Status: Violation information exist

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

AMERICAN NATIONAL CAN COMPANY (Continued)

1000359795

There are 27 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	12/07/1990
	Generator-All Requirements	12/07/1989
Non-Financial Record Review	TSD-Closure/Post Closure Requirements	09/20/1988
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	11/02/1988
	TSD-Financial Responsibility Requirements	12/15/1988
	TSD-Financial Responsibility Requirements	01/25/1991
	TSD-Financial Responsibility Requirements	01/25/1991
	TSD-Financial Responsibility Requirements	01/25/1991
	TSD-Financial Responsibility Requirements	01/25/1991
	TSD-Financial Responsibility Requirements	11/02/1988
Compliance Schedule Evaluation (CSE)	TSD-Other Requirements	12/17/1990
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	06/24/1988
	TSD-Other Requirements	06/24/1988
	TSD-Other Requirements	06/24/1988
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/24/1988
	TSD-Other Requirements	12/17/1990
	TSD-Other Requirements	03/31/1988
	TSD-Other Requirements	03/31/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	03/31/1988
	TSD-Other Requirements	03/31/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	03/01/1988
	TSD-Other Requirements	03/01/1988
	TSD-Other Requirements	03/01/1988
	TSD-Other Requirements	04/15/1988
	TSD-Other Requirements	06/24/1988
	TSD-Other Requirements	06/24/1988
	TSD-Other Requirements	06/24/1988
	TSD-Other Requirements	06/24/1988

NY MANIFEST

Additional detail is available in NY MANIFEST. Please contact your EDR Account Executive for more information.

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)

28  
North  
1/2-1  
5225  
Higher

AMERICAN WASTE PROCESSING LTD  
2010 W MADISON ST  
MAYWOOD, IL 60153

FINDS 1000359768  
RCRIS-LQG ILD000716894  
RAATS  
CORRACTS  
CERC-NFRAP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

AMERICAN WASTE PROCESSING LTD (Continued)

1000359768

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Other

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Completed: 19790901

Assessment: PRELIMINARY ASSESSMENT

Completed: 19840201

Assessment: SITE INSPECTION

Completed: 19841201

Assessment: HRS PACKAGE

Completed: 19850802

Assessment: PRELIMINARY ASSESSMENT

Completed: 19940405

CERCLIS-NFRAP Alias Name(s):

VAYDIK INC

AMERICAN WASTE PROCESSING LTD

CORRACTS Data:

Prioritization: Low

Status: RCRA Facility Assessment Completed, Determination of Need for a RCRA  
Facility Investigation, RFI Imposition, RFI Workplan Approved

RCRIS Corrective Action Summary:

Effective Date: 11/03/1995

Legal Authority: RCRA 3004(u) or equivalent

RCRIS:

Owner: AMERICAN WASTE PROC LTD  
(312) 832-5758

Contact: JOSEPH STROSNIK  
(708) 681-3999

Record Date: 08/18/1980

Classification: Large Quantity Generator, TSDF

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	1037711.08	D002	137272.67
D005	68902.34	D006	3300.11
D007	349707.54	D008	187497.52
D009	99.00	D018	80086.52
D022	3960.13	D035	31905.08
D038	12464.82	D039	3740.13
D040	7040.24	F001	9297.82
F002	0.00	F003	177812.45
F005	131074.46	F006	49802.52
LABP	460.02	U122	850.03
U226	660.02	U228	946.03
U239	5775.20		

Used Oil Recyc: No

TSDF Activities: burning and/or blending of hazardous waste, marketing to burners of  
hazardous waste fuel activities, accepts waste from off-site

Violation Status: Violation information exist

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation Site

MAP FINDINGS

EDR ID Number  
 EPA ID Number  
 Database(s)

AMERICAN WASTE PROCESSING LTD (Continued)

1000359768

There are 34 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
A Significant Non-Complier (SNC)	TSD-Financial Responsibility Requirements	
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	
	TSD-Financial Responsibility Requirements	
	TSD-Financial Responsibility Requirements	03/16/1998
	TSD-Financial Responsibility Requirements	03/16/1998
	TSD-Financial Responsibility Requirements	
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	02/26/1998
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	11/23/1994
	TSD-Financial Responsibility Requirements	11/23/1994
Non-Financial Record Review	TSD-Other Requirements	12/21/1994
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	11/23/1994
	TSD-Financial Responsibility Requirements	09/19/1994
	TSD-Financial Responsibility Requirements	11/23/1994
	TSD-Financial Responsibility Requirements	09/19/1994
	TSD-Financial Responsibility Requirements	09/19/1994
	TSD-Financial Responsibility Requirements	08/24/1994
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Financial Record Review (FRR)	TSD-Other Requirements	06/05/1987
	Generator-All Requirements	06/05/1987
	TSD-Closure/Post Closure Requirements	09/20/1988
	TSD-Financial Responsibility Requirements	11/23/1994
	TSD-Financial Responsibility Requirements	09/19/1994
	TSD-Financial Responsibility Requirements	11/23/1994
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
	TSD-Other Requirements	10/29/1992
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Non-Financial Record Review	TSD-Other Requirements	03/31/1997
	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Compliance Schedule Evaluation (CSE)	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
	TSD-Other Requirements	08/29/1991
Other Evaluation	TSD-Other Requirements	12/18/1990
Other Evaluation	TSD-Other Requirements	12/18/1990
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
	TSD-Other Requirements	12/18/1990
Other Evaluation	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	03/31/1997
Compliance Evaluation Inspection (CEI)	Generator-All Requirements	03/12/1990
	TSD-Other Requirements	09/14/1989
	TSD-Other Requirements	09/14/1989
	TSD-Other Requirements	09/14/1989
Other Evaluation	TSD-Other Requirements	06/05/1987

## MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation      Site

Database(s)	EDR ID Number
	EPA ID Number.

**AMERICAN WASTE PROCESSING LTD (Continued)**

1000359768

Non-Financial Record Review  
Non-Financial Record Review  
Other Evaluation  
Financial Record Review (FRR)  
Compliance Evaluation Inspection (CEI)

[illegible]

# ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BROADVIEW	1001227974	HEADLY MFG	2700 W 23RD ST	60153	RCRIS-SQG, FINDS	
FRANKLIN PARK	1001404214	ADDISON STREET TRAILER	11333 ADDISON STREET	60153	CERCLIS	
MAYWOOD	1001295267	LASALLE CLEANERS & DYERS INC	1309 S 5TH AVE	60153	FINDS	
WESTCHESTER	S104038274	SEXTON-HINSDALE LANDFILL	11700 WEST 31ST STREET	60154	SHWS	0314520001



# GEOCHECK VERSION 2.1 ADDENDUM

## GROUNDWATER FLOW INFORMATION

Map ID  
Direction  
Distance  
Elevation

Site

1g  
NNE  
1 - 2 Miles  
Lower

Site ID: S100531144  
Groundwater Flow: NE  
Deep Water Depth: 10.90  
Average Water Depth: Not Reported  
Shallow Water Depth: 2.63  
Current Deep Depth: 7.06  
Current Average Depth: Not Reported  
Current Shallow Depth: 2.55  
Date: 1/16/1998

8g  
WNW  
1 - 2 Miles  
Lower

Site ID: S100053458  
Groundwater Flow: Not Reported  
Deep Water Depth: Not Reported  
Average Water Depth: 7  
Shallow Water Depth: Not Reported  
Current Deep Depth: Not Reported  
Current Average Depth: 7  
Current Shallow Depth: Not Reported  
Date: Not Reported

12g  
SE  
0 - 1/8 Mile  
Lower

Site ID: S100527373  
Groundwater Flow: SE  
Deep Water Depth: 15  
Average Water Depth: Not Reported  
Shallow Water Depth: 3  
Current Deep Depth: 11.69  
Current Average Depth: Not Reported  
Current Shallow Depth: 1.36  
Date: 5/1995

14g  
West  
1/4 - 1/2 Mile  
Lower

Site ID: S100334335  
Groundwater Flow: Not Reported  
Deep Water Depth: Not Reported  
Average Water Depth: 6.5  
Shallow Water Depth: Not Reported  
Current Deep Depth: 27  
Current Average Depth: Not Reported  
Current Shallow Depth: 19  
Date: 9/19/1991

15g  
West  
1 - 2 Miles  
Lower

Site ID: S102945300  
Groundwater Flow: N  
Deep Water Depth: Not Reported  
Average Water Depth: Not Reported  
Shallow Water Depth: Not Reported  
Current Deep Depth: 5.63  
Current Average Depth: Not Reported  
Current Shallow Depth: 1.34  
Date: 6/30/1998

19g  
SW  
1 - 2 Miles  
Lower

Site ID: S102945302  
Groundwater Flow: Not Reported  
Deep Water Depth: Not Reported  
Average Water Depth: 5  
Shallow Water Depth: Not Reported  
Current Deep Depth: 9  
Current Average Depth: Not Reported  
Current Shallow Depth: 5  
Date: 09/29/97

# GEOCHECK VERSION 2.1

## GROUNDWATER FLOW INFORMATION

Map ID  
Direction  
Distance  
Elevation

Site

20g  
South  
1/2 - 1 Mile  
Lower

Site ID: S100527375  
Groundwater Flow: SE  
Deep Water Depth: 9.36  
Average Water Depth: Not Reported  
Shallow Water Depth: 5.96  
Current Deep Depth: 15.00  
Current Average Depth: Not Reported  
Current Shallow Depth: 0.19  
Date: 01/06/1992

21g  
SSW  
1 - 2 Miles  
Lower

Site ID: 1000321556  
Groundwater Flow: Not Reported  
Deep Water Depth: 8  
Average Water Depth: Not Reported  
Shallow Water Depth: 1  
Current Deep Depth: 8  
Current Average Depth: Not Reported  
Current Shallow Depth: 7  
Date: 08/28/1992

22g  
SSW  
1 - 2 Miles  
Lower

Site ID: S100527386  
Groundwater Flow: NNW  
Deep Water Depth: 7  
Average Water Depth: Not Reported  
Shallow Water Depth: 5  
Current Deep Depth: Not Reported  
Current Average Depth: 10  
Current Shallow Depth: Not Reported  
Date: Not Reported

23g  
SSE  
1 - 2 Miles  
Lower

Site ID: S101823780  
Groundwater Flow: SW  
Deep Water Depth: Not Reported  
Average Water Depth: 10  
Shallow Water Depth: Not Reported  
Current Deep Depth: Not Reported  
Current Average Depth: 10  
Current Shallow Depth: Not Reported  
Date: 6/30/94

The following regulatory files were reviewed by a member of EDR's professional field research team in an effort to identify groundwater flow direction and depth information. However, this information was not evident in the reports. This may be for a number of reasons, such as groundwater monitoring wells not being part of the field work or groundwater not having been encountered during drilling. This information is provided to save you time and money in the conduct of your hydrogeological research.

Map ID	Date	Type Of Report
2g	12/4/1987	Not Reported
3g	03/12/1992	Not Reported
4g	04/16/1990	Not Reported
5g	09/26/1989	Not Reported
6g	10/11/1994	Not Reported
7g	09/26/1989	Not Reported
9g	Not Reported	Not Reported
10g	09/29/90	Not Reported
11g	07/12/1990	Not Reported

**GEOCHECK VERSION 2.1**  
**GROUNDWATER FLOW INFORMATION**

Map ID  
Direction  
Distance  
Elevation

Site

Map ID

Date

Type Of Report

13g

Not Reported

Not Reported

16g

05/25/89

Not Reported

17g

12/04/1990

Not Reported

18g

Not Reported

Not Reported

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## FEDERAL NON-ASTM RECORDS:

### BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/95

Database Release Frequency: Biennially

Date of Last EDR Contact: 09/23/99

Date of Next Scheduled EDR Contact: 12/20/99

### CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

### FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/01/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/13/99

Date of Next Scheduled EDR Contact: 01/10/00

### HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/98

Database Release Frequency: Annually

Date of Last EDR Contact: 10/28/99

Date of Next Scheduled EDR Contact: 01/24/00

### MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 12/08/98

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/12/99

Date of Next Scheduled EDR Contact: 01/10/00

### NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/27/99

Date of Next Scheduled EDR Contact: 01/22/00

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **PADS: PCB Activity Database System**

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/17/99

Date of Next Scheduled EDR Contact: 02/14/00

### **RAATS: RCRA Administrative Action Tracking System**

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/13/99

Date of Next Scheduled EDR Contact: 12/13/99

### **ROD: Records Of Decision**

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99

Database Release Frequency: Annually

Date of Last EDR Contact: 10/06/99

Date of Next Scheduled EDR Contact: 11/22/99

### **TRIS: Toxic Chemical Release Inventory System**

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 09/27/99

Date of Next Scheduled EDR Contact: 12/27/99

### **TSCA: Toxic Substances Control Act**

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/20/99

Date of Next Scheduled EDR Contact: 01/24/00

### **MINES: Mines Master Index File**

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/01/98

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/04/99

Date of Next Scheduled EDR Contact: 01/03/00

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### STATE OF ILLINOIS ASTM RECORDS:

#### LUST: Leaking Underground Storage Tank Sites

Source: Illinois Environmental Protection Agency

Telephone: 217-782-6760

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 09/01/99

Date of Data Arrival at EDR: 09/23/99

Date Made Active at EDR: 10/20/99

Elapsed ASTM days: 27

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/99

#### SHWS: State Oversight List

Source: Illinois Environmental Protection Agency

Telephone: 217-524-4863

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 09/08/99

Date of Data Arrival at EDR: 10/12/99

Date Made Active at EDR: 11/04/99

Elapsed ASTM days: 23

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/30/99

#### LF: Available Disposal for Solid Waste in Illinois - Solid Waste Landfills Subject to State Surcharge

Source: Illinois Environmental Protection Agency

Telephone: 217-785-8604

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/01/98

Date of Data Arrival at EDR: 02/26/99

Date Made Active at EDR: 03/25/99

Elapsed ASTM days: 27

Database Release Frequency: Annually

Date of Last EDR Contact: 09/27/99

#### UST: STC (State, Town, County) Facility List

Source: Illinois State Fire Marshal

Telephone: 217-785-0969

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 10/04/99

Date of Data Arrival at EDR: 10/28/99

Date Made Active at EDR: 11/26/99

Elapsed ASTM days: 29

Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/12/99

### STATE OF ILLINOIS NON-ASTM RECORDS:

#### NIPC: Solid Waste Landfill Inventory

Source: Northeastern Illinois Planning Commission

Telephone: 312-454-0400

Solid Waste Landfill Inventory. NIPC is an inventory of active and inactive solid waste disposal sites, based on state, local government and historical archive data. Included are numerous sites which previously had never been identified largely because there was no obligation to register such sites prior to 1971.

Date of Government Version: 08/01/88

Date of Last EDR Contact: 06/11/97

Database Release Frequency: No Update Planned

Date of Next Scheduled EDR Contact: N/A

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### CAT: Category List

Source: Illinois EPA

Telephone: N/A

Sites on this list are: Notice of Response Action, NPL, Pre/used NPL, Completed Remedial Action, Site Remediation Program, Federal Facilities, and Cleanup Standard and/or Completed Sites.

Date of Government Version: 06/01/97

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/30/99

Date of Next Scheduled EDR Contact: 11/29/99

### Historical and Other Database(s)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### DELISTED NPL: NPL Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/24/99

Date Made Active at EDR: 09/10/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/10/99

Elapsed ASTM days: 31

Date of Last EDR Contact: 08/10/99

### NFRAP: No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 08/26/99

Date Made Active at EDR: 11/11/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/30/99

Elapsed ASTM days: 73

Date of Last EDR Contact: 08/30/99

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### **PWS: Public Water Systems**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

### **PWS ENF: Public Water Systems Violation and Enforcement Data**

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones:** Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**USGS Water Wells:** In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI: National Wetlands Inventory.** This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

**Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**Water Dams: National Inventory of Dams**

Source: Federal Emergency Management Agency

Telephone: 202-646-2801

National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

**County Well Data in Illinois: Cook and DuPage Counties**

Source: Illinois State Geological Survey

Telephone: 217-244-2387

**Illinois Private Well Database and PICS (Public, Industrial, Commercial Survey)**

Source: Illinois State Water Survey

Telephone: 217-333-9043

**Illinois State Geological Survey Water Wells**

Source: Illinois State Geological Survey

Telephone: 217-333-5102

Point data set that shows locations, well type, and well ID for wells in Illinois. Data comes from driller's logs.

### **AQUIFLOW<sup>TM</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.



## EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D018	BENZENE
D022	CHLOROFORM
D035	METHYL ETHYL KETONE
D038	PYRIDINE
D039	TETRACHLOROETHYLENE
D040	TRICHLOROETHYLENE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE

## EPA Waste Codes Addendum

Code	Description
	CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F006	WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.
F009	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.
U122	FORMALDEHYDE
U220	BENZENE, METHYL-
U220	TOLUENE
U226	ETHANE, 1,1,1-TRICHLORO-
U226	METHYL CHLOROFORM
U228	ETHENE, TRICHLORO-
U228	TRICHLOROETHYLENE
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

### FEDERAL ASTM RECORDS:

#### **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 08/26/99

Date Made Active at EDR: 11/11/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/30/99

Elapsed ASTM days: 73

Date of Last EDR Contact: 08/30/99

#### **ERNS:** Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/28/99

Date Made Active at EDR: 12/03/99

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 11/01/99

Elapsed ASTM days: 32

Date of Last EDR Contact: 11/01/99

#### **NPL:** National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 07/22/99

Date Made Active at EDR: 09/10/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 08/05/99

Elapsed ASTM days: 36

Date of Last EDR Contact: 08/05/99

#### **RCRIS:** Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/01/99

Date Made Active at EDR: 11/17/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/06/99

Elapsed ASTM days: 42

Date of Last EDR Contact: 10/04/99

#### **CORRACTS:** Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/99

Date Made Active at EDR: 04/16/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 03/17/99

Elapsed ASTM days: 30

Date of Last EDR Contact: 09/13/99

***APPENDIX E***

RECEIVED  
RB-20-01

## SUMMARY OF LABORATORY TEST RESULTS

Client: Superior Property Services Group  
Project Name: Mr. Snappy Cleaners  
WEI Job No: 398-03-01

Boring/Sample No.	SB-10 @ 8 ft
Sample Type	Spoon sample in 3 pieces
ASTM D2488 Visual Description	Very stiff, dark gray, sandy clay
ASTM D2487 USCS Classification	Lean clay with sand (CL)
Bulk Unit Weight ( $\gamma_m$ ), pcf	130.5
Dry Unit Weight ( $\gamma_d$ ), pcf	109.1
Field Water Content ( $w_c$ ), %	19.6
Liquid Limit (LL), %	37.0
Plasticity Index (PI), %	14.5
Gravel Fraction, %	2.4
Sand Fraction, %	13.8
Silt-size Fraction, %	43.5
Clay-size Fraction, %	40.3
Organic Matter, %	5.1
Specific Gravity ( $G_s$ ) @ 20°C	2.77
Field Void Ratio (e)	0.584
Field Permeability ( $k_{20°C}$ ), cm/s	3.77E-08
Field Degree of Saturation ( $S_r$ ), %	92.9
Air-filled Porosity ( $n_{air}$ )	0.03
Water-filled Porosity ( $n_{water}$ )	0.34
Total Field Porosity ( $n_{total}$ )	0.37

Prepared by:

Date:

Checked by:

Date:


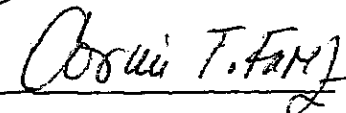
## DENSITY--UNIT WEIGHT DETERMINATION

**Client:** Superior Property Services Group  
**Project Name:** Mr. Snappy Cleaners  
**WEI Job No:** 398-03-01  
**Sampe Type:** Spoon sample in 3 pieces  
**Sample I.D.:** SB-10 @ 8 ft  
**Sample Description:** Dark gray clay

**Tested by:** TC  
**Test date:** 03/07/2000

Density--Unit Weight	Test #1	Test #2
Diameter measurements (in) $D_1 =$	1.612	1.619
$D_2 =$	1.633	1.650
$D_3 =$	1.652	1.692
Average diameter (in) $D =$	1.632	1.654
Height measurements (in) $H_1 =$	3.431	3.607
$H_2 =$	3.326	3.517
$H_3 =$	3.459	3.477
Average height (in) $H =$	3.405	3.534
Total weight (g) $W =$	242.5	261.6
Bulk Unit Weight $\gamma_m$ (pcf) =	129.7	131.3

Average  $\gamma_m$  (pcf) = 130.5

Prepared by:  Date: 3/14/2000  
 Checked by:  Date: 3/14/2000

# WATER CONTENT

(ASTM D 2216)

**Client:** Superior Property Services Group  
**Project Name:** Mr. Snappy Cleaners  
**WEI Job No:** 398-03-01  
**Sample Type:** Spoon sample in 3 pieces  
**Sample I.D.:** SB-10 @ 8 ft  
**Sample Description:** Dark gray clay

**Tested by:** TC  
**Test Date:** 03/07/2000

	1st piece	2nd piece	3rd piece
	Test #1	Test #2	Test #3
Mass of tare and wet soil (g) $W_w =$	30.40	39.07	32.32
Mass of tare and dry soil (g) $W_d =$	27.54	34.21	28.86
Mass of tare (g) $W_t =$	12.11	11.76	12.09
Water content $w_c =$	18.5%	21.6%	20.6%

Average  $w_c =$

19.6%

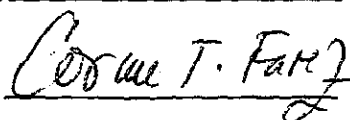
Prepared by:



Date:

3/14/2000

Checked by:



Date:

3/14/2000

# LIQUID LIMIT

ASTM D 4318-87

Client: Superior Property Services Group

Analyst name: TC

Project: Mr. Snappy Cleaners

Test date: 03/08/2000

WEI Job No: 398-03-01

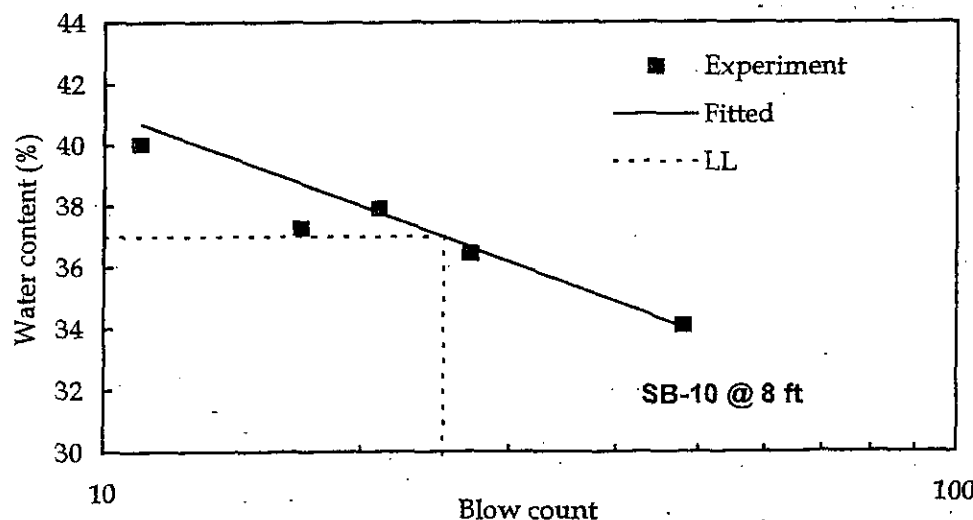
Soil Sample: SB-10 @ 8 ft

Sample description: Very stiff, dark gray clay

Set number	Tare mass (g) $W_c$	Tare with wet soil (g) $W_w$	Tare with dry soil (g) $W_d$	Blow count N	Water content (%) w	Water content fitted (%)
1	11.74	25.86	22.27	48	34.09	34.03
2	11.61	25.43	21.74	27	36.43	36.64
3	11.78	25.71	21.88	21	37.92	37.77
4	11.74	27.13	22.73	11	40.04	40.70
5	11.84	33.83	27.86	17	37.27	38.73

Liquid limit (%) = 36.98

Slope of flow line = 0.126



Prepared by: TC

Date: 3/14/2000

Checked by: Cosmin T. Fari

Date: 3/14/2000



# PLASTIC LIMIT

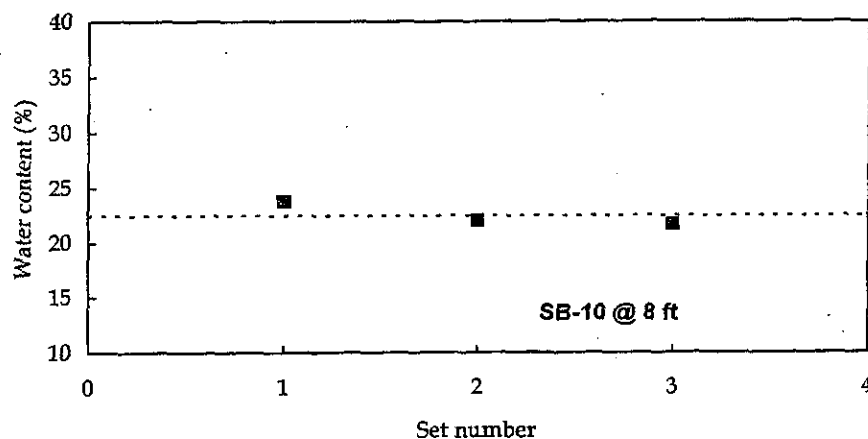
ASTM D 4318-87

Client: Superior Property Services Group  
Project: Mr. Snappy Cleaners  
WEI Job No: 398-03-01

Analyst name: TC  
Test date: 03/08/2000  
Soil Sample: SB-10 @ 8 ft  
Sample description: Very stiff, dark gray clay

Set number	Mass of container (g) $M_c$	Mass of container with wet soil (g) $M_w$	Mass of container with dry soil (g) $M_d$	Water content (%) $w$
1	12.11	17.11	16.15	23.76
2	11.75	16.02	15.25	22.00
3	12.09	17.37	16.43	21.66

Plastic limit (%) = 22.5



Prepared by: TC

Date: 3/14/2000

Checked by: Cosme T. Faj

Date: 3/14/2000

# PLASTICITY CHART

ASTM D 2487-93

Client: Superior Property Services Group

Analyst name: TC

Project: Mr. Snappy Cleaners

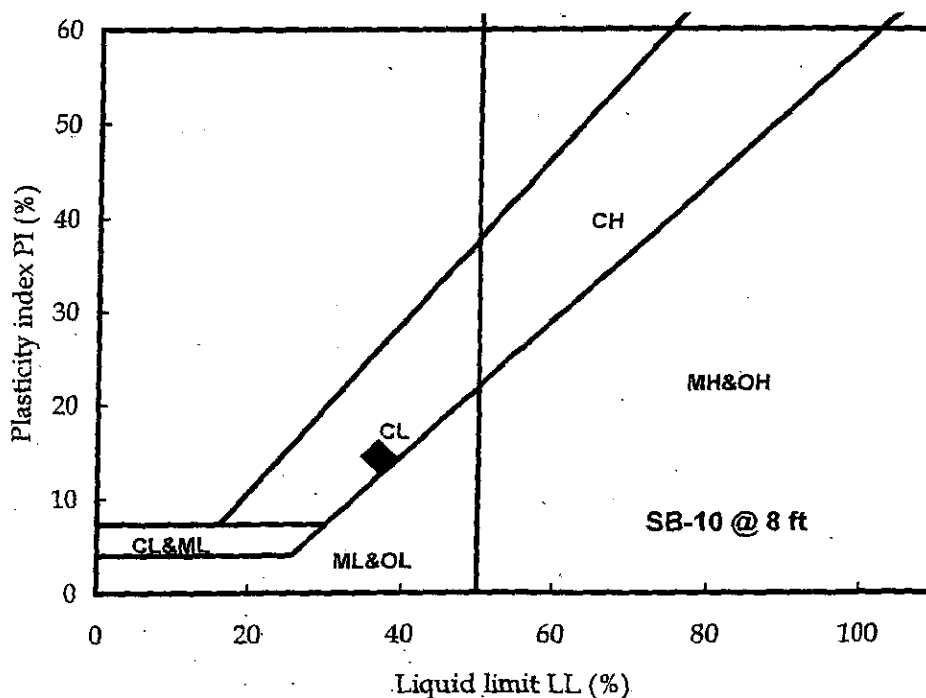
Test date: 03/08/2000

WEI Job No: 398-03-01

Soil Sample: SB-10 @ 8 ft

Sample description: Dark gray clay

Liquid limit (%) = 37.0
Plastic limit (%) = 22.5
Plasticity index (%) = 14.5



Prepared by:

*[Signature]*

Date:

3/14/2000

Checked by:

*William T. Farz*

Date:

3/14/2000

# SOIL PARTICLE SIZE ANALYSIS

ASTM D 422-93

Client: Superior Property Services Group  
 Project Name: Mr. Snappy Cleaners  
 WEI Job No: 398-03-01  
 Sample Type: Spoon Sample in 3 pieces  
 Sample I.D.: SB-10 @ 8 ft  
 Sample Description: Dark gray clay

Tested by: TC	Grain size (mm)	Separate percent finer by weight	Combined percent finer by weight
Test date: 03/09/2000	d	p	P <sub>c</sub>
<b>Sieve analysis</b> Mass passing #10 sieve W <sub>N10</sub> (g) = 175.36 Total sample mass W <sub>tot</sub> (g) = 182.81	12.5	100	100
	9.50	98.74	98.74
	4.75	97.57	97.57
	2.00	95.92	95.92
	0.425	91.99	91.99
	0.180	87.69	87.69
	0.150	86.71	86.71
	0.075	83.83	83.83
<b>Hydrometer analysis</b>	0.0490	91.96	88.21
	0.0380	87.93	84.35
	0.0271	85.91	82.41
	0.0176	79.86	76.61
	0.0105	73.74	70.73
	0.0076	67.65	64.90
	0.0055	61.60	59.09
	0.0040	55.52	53.26
	0.0033	51.48	49.39
	0.0014	38.44	36.88
	0.0009	33.64	32.27

## Grain Size Parameters

Clay-size fraction (%) = 40.3

Silt-size fraction (%) = 43.5

Fine fraction (%) = 83.8

Sand fraction (%) = 13.7

Gravel fraction (%) = 2.4

D<sub>10</sub> = 0.0001 mm

D<sub>30</sub> = 0.0007 mm

D<sub>60</sub> = 0.0058 mm

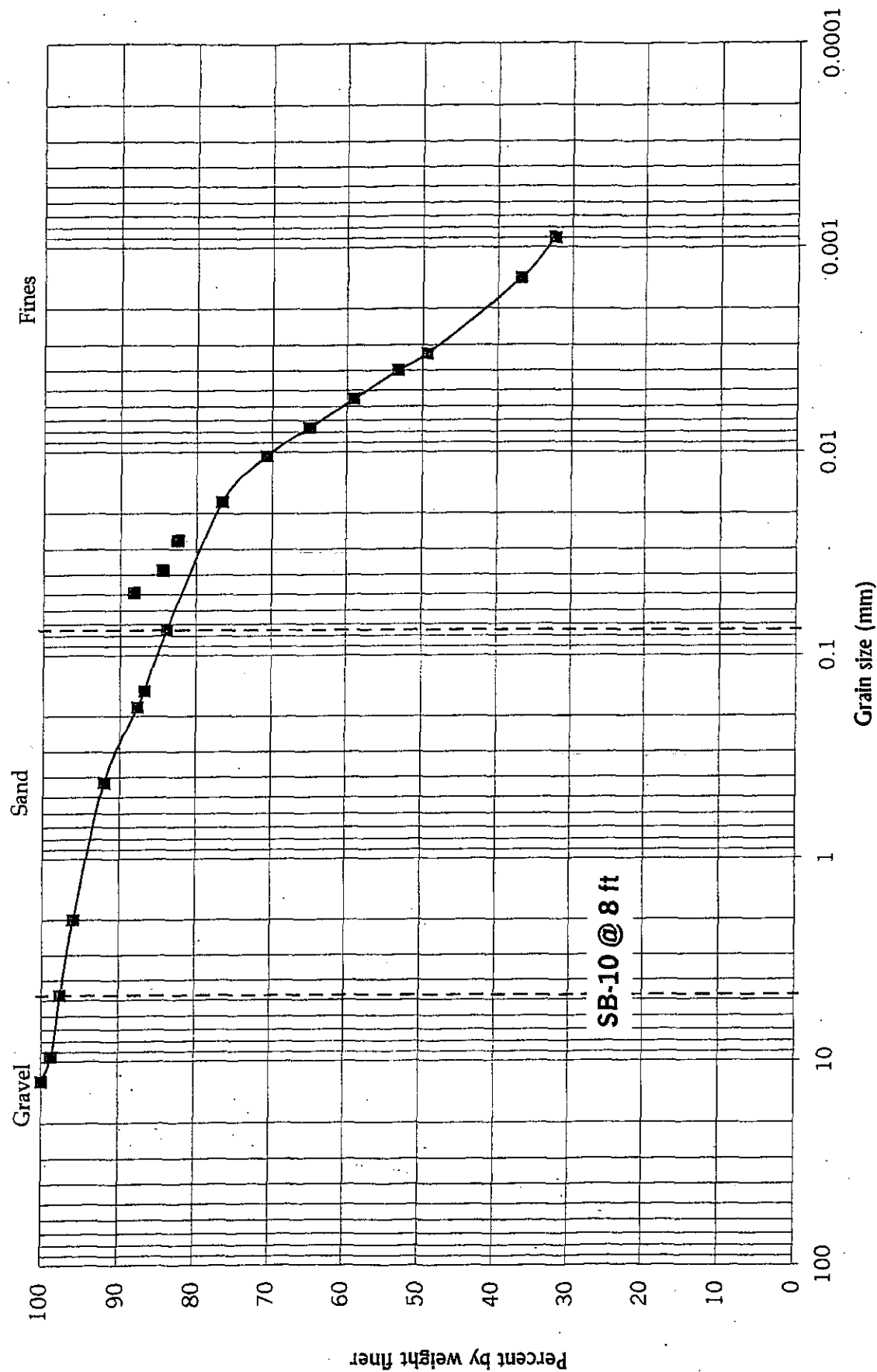
Prepared by: 

Date: 3/14/2000

Checked by: 

Date: 3/14/2000

# Gradation Curve (ASTM D 422-93)



**ORGANIC MATTER**  
**(ASTM D2974)**

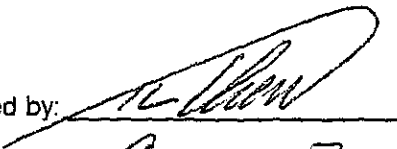
**Client:** Superior Property Services Group  
**Project Name:** Mr. Snappy Cleaners  
**WEI Job No:** 398-03-01  
**Sample Type:** Spoon sample in 3 pieces  
**Sample I.D.:** SB-10 @ 8 ft  
**Sample Description:** Dark gray clay

**Test date:** 3/14/2000

Mass of dry soil and dish (g)	93.05
Mass of ash and dish (g)	91.16
Mass of ignition dish (g)	56.06
Ash content (%)	94.89

**Organic matter (%) OM = 5.1**

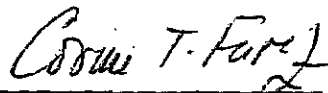
Prepared by:



Date:

3/14/2000

Checked by:



Date:

3/14/2000

**Specific Gravity**  
**ASTM D 854-92**

Client:  
Project Name:  
WEI Job No:  
Sample Type:  
Sample I.D.:  
Sample Description:

Superior Property Services Group  
Mr. Snappy Cleaners  
398-03-01  
Spoon Sample in 3 pieces  
SB-10 @ 8 ft  
Dark gray clay

Tested by:  
Test date:

TC  
03/09/2000

	Test #1	Test #2
Mass of flask and water (g) Mfw =	168.00	169.40
Mass of flask, soil and water (g) Mfs =	179.98	181.39
Mass of evaporating dish (g) Mc =	196.50	203.70
Mass of evaporating dish and dry soil (g) Md =	215.2	222.5
Temperature of test (OC) =	17.2	17.2
Specific Gravity $G_s$ =	2.78	2.76

Average  $G_s$  = 2.77

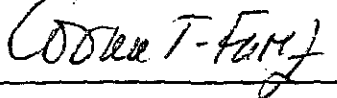
Prepared by:



Date:

3/14/2000

Checked by:



Date:

3/14/2000

# FALLING HEAD PERMEABILITY

## ASTM D 5084-90

Client: Superior Property Services Group  
 Project: Mr. Snappy Cleaners  
 WEI Job No: 398-03-01  
 Soil Sample: SB-10 @ 8 ft

Analyst name: TC  
 Test date: 03/13/2000  
 Sample description:  
 Very stiff, dark gray clay

### Laboratory-compacted specimen

Initial height = 7.126 cm	Initial water content = 19.93%
Initial diameter = 7.075 cm	Initial void ratio = 0.700
Initial wet mass = 547.50 g	Initial degree of saturation = 78.9%
	Initial dry unit weight = 15.99 kN/m <sup>3</sup>
Final height = 6.817 cm	
Final diameter = 7.127 cm	Final water content = 21.5%
Final wet mass = 555.3 g	Final void ratio = 0.648
Dry mass and tare = 671.6 g	B coefficient = NA
Dry mass = 457.1 g	Final degree of saturation = 91.8%
Tare mass = 214.5 g	Final dry unit weight = 16.49 kN/m <sup>3</sup>
Specific gravity = 2.77	Bias pressure = 211.11 cm H <sub>2</sub> O
Burette area = 0.906 cm <sup>2</sup>	Hydraulic gradient = 29.6

Run No.	Date and time	$\Delta t$ sec	$V_U$ cm <sup>3</sup>	$V_L$ cm <sup>3</sup>	h cm	t °C	$k_t$ cm/s	$k_{20^\circ C}$ cm/s
	3/13/00 09:00		24.40	3.90	22.63	20.0		
1	3/13/00 15:00	21600	23.50	6.40	18.87	20.0	6.15E-08	6.15E-08
2	3/13/00 16:00	3600	23.20	6.70	18.21	20.0	6.58E-08	6.58E-08
3	3/13/00 17:00	3600	22.90	7.00	17.55	20.0	6.60E-08	6.60E-08
4	3/14/00 07:30	52200	19.50	10.80	9.60	19.1	5.56E-08	5.69E-08

Determined lab permeability, $k_{20^\circ C} =$	6.25E-08 cm/s	@ $e_{lab} =$	0.648
Predicted field permeability, $k_{20^\circ C} =$	3.77E-08 cm/s	@ $e_{field} =$	0.584

Prepared by: *TC*

Date: 3/14/2000

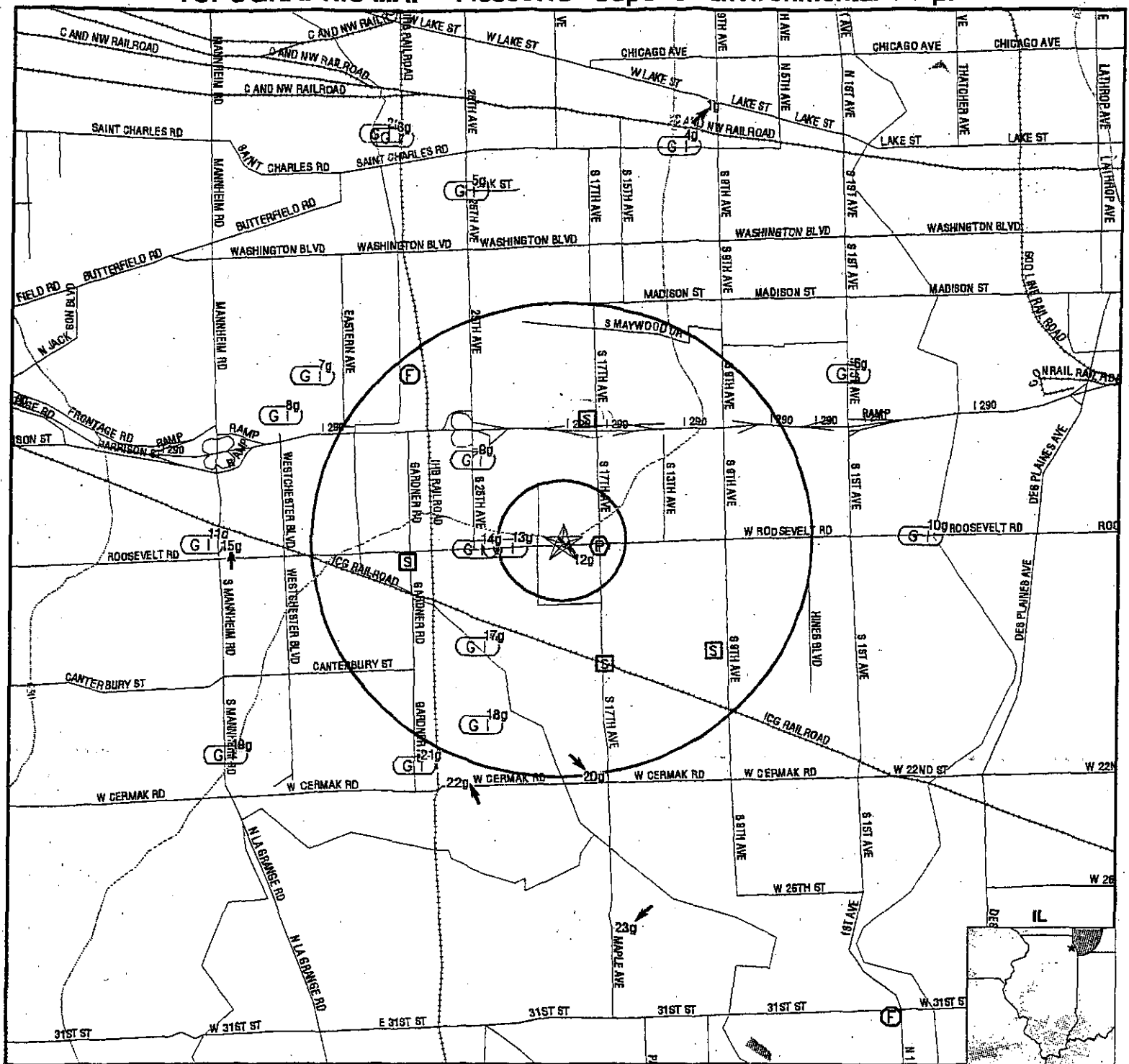
Checked by: *Corinne T. Farley*

Date: 3/14/2000

*APPENDIX F*



# TOPOGRAPHIC MAP - 446559.1s - Superior Environmental Corp.



- Major Roads
- Contour Lines
- Waterways
- Earthquake epicenter, Richter 5 or greater
- Closest Federal Well in quadrant
- Closest State Well in quadrant
- Closest Public Water Supply Well

- (RD) Closest Hydrogeological Data
- Groundwater Flow Direction
- (GI) Indeterminate Groundwater Flow at Location
- (GV) Groundwater Flow Varies at Location

TARGET PROPERTY: Mr. Snappy Cleaners  
 ADDRESS: 1925 West Roosevelt Road  
 CITY/STATE/ZIP: Broadview IL 60153  
 LAT/LONG: 41.8642 / 87.8559

CUSTOMER: Superior Environmental Corp.  
 CONTACT: Mr. Jim Tate  
 INQUIRY #: 446559.1s  
 DATE: December 23, 1999 11:56 am

# GEOCHECK VERSION 2.1

## FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Northern Quadrant)

### BASIC WELL DATA

Site ID:	415228087520401	Distance from TP:	1/2 - 1 Mile
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1971	County:	Cook
Altitude:	627.00 ft.	State:	Illinois
Well Depth:	1845.00 ft.	Topographic Setting:	Undulating
Depth to Water Table:	580.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	07151972	Prim. Use of Water:	Public supply

### LITHOLOGIC DATA

Not Reported

### WATER LEVEL VARIABILITY

Not Reported

# **GEOCHECK VERSION 2.1**

## **FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Eastern Quadrant)

### **BASIC WELL DATA**

Site ID:	415221087484601	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1892	County:	Cook
Altitude:	623.00 ft.	State:	Illinois
Well Depth:	2012.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	93.00 ft.	Prim. Use of Site:	Withdrawal of water
Date Measured:	01011901	Prim. Use of Water:	Public supply

### **LITHOLOGIC DATA**

Not Reported

### **WATER LEVEL VARIABILITY**

Not Reported

# **GEOCHECK VERSION 2.1**

## **FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Southern Quadrant)

### **BASIC WELL DATA**

Site ID:	415006087494801	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1938	County:	Cook
Altitude:	612.00 ft.	State:	Illinois
Well Depth:	2080.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Stock

### **LITHOLOGIC DATA**

Not Reported

### **WATER LEVEL VARIABILITY**

Not Reported

# **GEOCHECK VERSION 2.1**

## **FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Western Quadrant)

### **BASIC WELL DATA**

Site ID:	415214087541101	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1927	County:	Cook
Altitude:	668.97 ft.	State:	Illinois
Well Depth:	600.00 ft.	Topographic Setting:	Not Reported
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Public supply

### **LITHOLOGIC DATA**

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary-Pleistocene
Principal Lithology of Unit:	Drift
Further Description:	Not Reported

### **WATER LEVEL VARIABILITY**

Not Reported

# GEOCHECK VERSION 2.1

## STATE DATABASE WELL INFORMATION

### Water Wells Information:

#### Well Within 1/2 - 1 Mile of Target Property (Northern Quadrant)

Well ID:	254333	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	AMERICAN WASTE, INC. #8		
Permit:	Not Reported	Date Drilled:	03/01/1994
Depth (in feet):	15	Aquifer Type:	--
County Code:	031	County:	COOK
Township:	39N	Range:	12E
Section:	15	Plot Location:	Not Reported
Well Use:	Monitoring	Well Type:	Drilled
Record Type:	Construction Report,Geology		
Driller:	KLING/WANG ENG.		

#### Well Within 1/2 - 1 Mile of Target Property (Eastern Quadrant)

Well ID:	033744	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	U S VETERANS HOSPITAL		
Permit:	Not Reported	Date Drilled:	00/00/0000
Depth (in feet):	1800	Aquifer Type:	Bedrock
County Code:	031	County:	COOK
Township:	39N	Range:	12E
Section:	23	Plot Location:	8E
Well Use:	Non-community	Well Type:	
Record Type:	Geology,Any other type of record		
Driller:	Not Reported		

#### Well Within 1/2 - 1 Mile of Target Property (Southern Quadrant)

Info Source:	IL Geological Survey		
API ID:	120313136600	Group Number:	31
Well Type:	WATER	Boring:	0
X Coord:	3446816	Y Coord:	3215769

#### Well Within 1/2 - 1 Mile of Target Property (Western Quadrant)

Well ID:	023895	Second ID:	Not Reported
Info Source:	IL Private Water Wells Survey		
Owner:	HUB PLATING WORKS		
Permit:	Not Reported	Date Drilled:	06/00/1952
Depth (in feet):	178	Aquifer Type:	Not Reported
County Code:	031	County:	COOK
Township:	39N	Range:	12E
Section:	21	Plot Location:	2H
Well Use:	IN	Well Type:	ASSUMED DRILLED
Record Type:	Chemical Analysis,Any other type of record		
Driller:	J P MILLER		

**GEOCHECK VERSION 2.1**  
**PUBLIC WATER SUPPLY SYSTEM INFORMATION**

Searched by Nearest PWS.

**PWS SUMMARY:**

PWS ID:	IL0011303	PWS Status:	Active	Distance from TP:	1/8 - 1/4 Mile
Date Initiated:	June / 1977	Date Deactivated:	Not Reported	Dir relative to TP:	East
PWS Name:	COLONIAL M H P INC 2121 ROOSEVELT RD BROADVIEW, IL 60153				

Addressee / Facility: Not Reported

Facility Latitude:	41 51 50	Facility Longitude:	087 51 11
City Served:	BROADVIEW	Population Served:	101 - 500 Persons
Treatment Class:	Untreated		

PWS currently has or has had major violation(s) or enforcement: No





John D. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906, 1908

Map No. 14

R. 12 E

S. 39 N

Sec. 15

TOWNSHIP

COMPANY S. B. Geiger and Co.

Maywood City Well

Author's Files - S. B. Geiger

Geological Notes, 1924  
 30' 22" pipe surface - hole reduced 22  
 to 17' at 556, 15 at 580, 12 at 1065

No.	STRATA	Thickness		Depth	
		Feet	In.	Feet	In.
1	Surface	45		45	
2	Broken line	20		65	
3	Lime	295		360	
4	Shale, black	180		540	
5	Lime	343		883	
6	St. Peter	102		985	
7	Limestone	10		995	
8	Shale	35		1030	
9	Limestone	235		1265	
10	Sand shale	15		1280	
11	Green sand	20		1300	
12	Broken limestone	60		1360	
13	Shaly limestone	30		1390	
14	Pottsdam sand	160		1550	
15	Lime	10		1560	
16	Shale, blue	90		1650	
17	Red rock	35		1685	
18	Shale, blue	55		1740	
19	Limestone	35		1775	
20	Green shale	5		1780	
21	Limestone	35		1815	
22	Sand	20		1835	
23	Limestone	10		1845	
24	Hard sand	75		1920	
25	Shale, blue	10		1930	
26	Sand, hard	40		1970	
27	Sand, soft, white	100		2070	
28	Sand, soft, red	20		2090	
29	30' 22" pipe surface - hole reduced 22				
30	to 17' at 556, 15 at 580, 12 at 1065				

County Cook

T. DRILL RECORD

(1082-2m-128)

Index No. 1405

15-39N-12E

John D. Moore Corporation, Rochester, N. Y. Binder and holes in leaves, each Patented 1906, 1908

SHEET 2

R. 12 E S. 15

COMPANY S. B. Geiger & Co.

FARM Maywood City Well

HOLE NO. 6

No.	STRATA	Thickness		Depth	
		Feet	In.	Feet	In.

and 18" O.D. genuine wrought iron pipe was placed from the surface of the ground to 555' below the surface.

County Cook

T. DRILL RECORD

(1082-2m-128)

Index No.

1415

15-39N-22E

ILLINOIS GEOLOGICAL SURVEY, URBANA

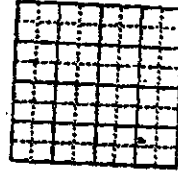
Page 1

Strata	Thickness	Top	Bottom
Black and yellowish clay	6	0	6
Gray shale	25	6	31
Gravel and sand	15	31	46
Grayish limestone	171	46	217
Red rock	2	217	219
Gray limestone	126	219	345
Gray shale	133	345	478
Brownish lime	73	478	551
Brown and grayish limestone	255	551	806
St. Peters sandstone	114	806	920
Gray shale	3	920	923
Brown and gray limestone	308	923	1231
Dolomite shells, gray & green shale	86	1231	1317
Brownish limestone	15	1317	1332
Grayish limestone	8	1332	1340
Galesville sandstone, hard shelly sand	170	1340	1510
Gray shale with lime shells	50	1510	1560
Water level after shot - 475'			ID
Size of well: 24", surface to 80" 20" to 552" 15 1/4" to 1332" 12" to 1560"			
Casing: 24" O.D. Casing - 53', reduced to 20" at 80' 16" O.D. Casing - 551'			
S.S. #33307			

\* 1830 S. 54th St., Chicago, Ill.

COMPANY J.P. Miller-Artesian Well Co.  
FARM Amphinol Electronics Corp. No. 1  
DATE DRILLED May 1959  
AUTHORITY J. P. Miller  
ELEVATION COUNTY NO. 263

LOCATION #1200' N, 700' E, SW/c SW  
COUNTY COOK



22-39N-12E

OFFICE BUILDING SPRINGFIELD  
ER SURVEYS SECTION. BE SURE TO

GEOLOGICAL WATER SURVEYS WATER WELL RECORD  
Amphenol Corp.

Completed 1-31-69

10. Dept. Mines and Minerals permit No. 6460 Year 1968

11. Property owner AMPHENOL CORP. Well No. 2

Address BRAD VIEW

Driller J. P. Miller ART. WELL License No. 92-2

12. Water from DOLOMITE 13. County COOK

at depth 53 to 343 ft.

14. Screen: Diam. 2 1/2 in.

Length: 12 ft. Slot

15. Casing and Liner Pipe

Sec. 22

Twp. 39N

Rng. 12E

Elev.

SHOW LOCATION IN SECTION PLAT 115018 line, 500W line, SW (Permit)

16. Size Hole below casing: 19 1/4 in.

17. Static level 12 ft. below casing top which is 2 ft. above ground level. Pumping level ft. when pumping at gpm for hours.

18. FORMATIONS PASSED THROUGH

THICKNESS

DEPTH OF BOTTOM

DRIFT 52 52

NIAGARAN LIMESTONE 291 343

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Edward S. Sallander DATE Mar. 20 1969

COUNTY No. 919

COOK

22-39N-12E

# GEOLOGICAL WATER SURVEYS WATER WELL RECORD

Amphenol Electronics Corp. Completed 3-19-69

10. Dept. Mines and Minerals permit No. 6769 Year 1969

11. Property owner AMPHENOL ELECT CO Well No. 3

Address 2801 S. 35th St. BEND, VERN

Driller J. C. MILLER ART WELLS License No. 92-2

12. Water from DECAWATE 13. County COOK

at depth 55 to 245 ft.

14. Screen: Diam. 1 in.

Length: 12 ft. Slot

Elev.

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
<u>12</u>	<u>12" PIPE</u>	<u>0</u>	<u>55</u>

SHOW

LOCATION IN  
SECTION PLAT  
1150'S Line,  
900' W line,  
SW (PERMIT)

16. Size Hole below casing: 12 in.

17. Static level 96 ft. below casing top which is 2 ft.  
above ground level. Pumping level      ft. when pumping at  
gpm for      hours.

18.	FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
	<u>DRIFT</u>	<u>52'</u>	<u>52</u>
	<u>NIAGARAN DOLOMITE</u>	<u>273</u>	<u>345</u>

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Edw. Schlaack DATE 4-17-69

COUNTY No. 936

COOK

22-39N-12E

*APPENDIX G*

8-4-1

8-4-1

## CHAPTER 4 WATER USE AND SERVICE

### SECTION:

8-4-1:	Water Use
8-4-2:	Service Connections
8-4-3:	Construction Regulations
8-4-3-1:	Service Pipes
8-4-3-2:	Shut-off Boxes and Valve Basins
8-4-3-3:	Stopcocks
8-4-3-4:	Repairs
8-4-3-5:	Exceptions
8-4-3-6:	Responsibility of Village
8-4-3-7:	Workability of Village
8-4-4:	Water Meters
8-4-4-1:	Installation Regulations
8-4-4-2:	Water Maintenance: Inspections, Tests, Fees
8-4-4-3:	Change of Location
8-4-4-4:	Reading Meters
8-4-5:	Water Rates
8-4-6:	Water Bills
8-4-7:	Low-pressure Systems
8-4-8:	Water Conservation
8-4-9:	Prohibited Acts

### 8-4-1: WATER USE:

- A. **Turning on Water:** No water from the Municipal water supply system shall be turned on for service to any premises by anyone other than the Director of Public Works and Water or some person authorized by him to do so.
- B. **Water Service, Application:** Applications to have water turned on shall be made in writing to the Village Clerk and shall contain an agreement by the applicant to abide by and accept all of the provisions of this Chapter as conditions governing his use of the Village water supply. All such applications, when properly made shall be filed by the Clerk.
- C. **Building Construction, Fee:** During the construction of any building and before any water meter is installed as provided by this Chapter, the contractor so

8-48

8-48

- B) 2. At any time during which the President or a majority of the Board of Trustees determines an emergency exists by reason of a shortage of water.
- C. The President or a majority of the Board of Trustees shall have power, from time to time, to determine that an emergency exists by reason of a shortage of water and such determination shall become and be in full force and effect immediately upon giving reasonable notice thereof by publication in a newspaper of general circulation in the Village, or by written or verbal notice by the President, or by any other department, agency, officer, employee or agent selected by the President for such purpose, or in any other manner provided by the majority of the Board of Trustees.
- D. Conservation by Industrial Users: If the President or a majority of the Board of Trustees determines that there is a water shortage pursuant to subsection C herein, then the President or the Board of Trustees or any authorized agent thereof may request industrial users of the Village's water supply to refrain from any nonessential use of water until such emergency has ceased.

8-49

**PROHIBITED ACTS:**

- A. Tampering With Water System: It shall be unlawful for any person not authorized by the Director of Public Works and Water to tamper with, alter or injure any part of the Village waterworks or supply system or with any meter.
- B. Digging Wells: The sinking and digging of wells for water is hereby prohibited in the Village; provided, however, that such wells may be sunk or dug in the event of an emergency upon the express consent and approval of the President and Board of Trustees.

*This notice of the  
Village of ...  
is hereby given.*